



The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

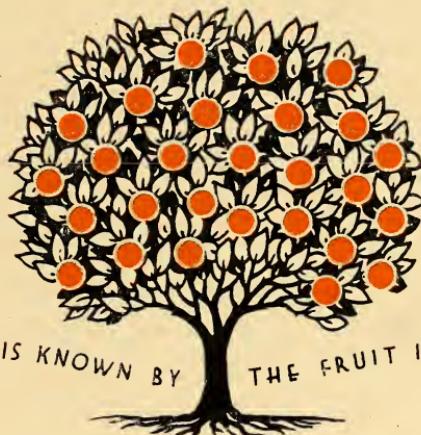
Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

M. CXLII

OCTOBER 28, 1944

Annual Subscription (with
Diary) 25/- Single copies 9d.

A TREE IS KNOWN BY THE FRUIT IT BEARS

So it is in every walk of life.

The test of an organisation is in what it accomplishes. For over fifty years the Lilly Policy has recognised in full the interests of the retail pharmacist. Although Lilly Products are constantly advertised to the medical profession, they are never sold to doctors direct. They are sold through the drug trade exclusively.

That is the Lilly Policy.

Lilly
TRADE MARK

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS.



Wright's is the rule
for the Toilet and Nursery

WRIGHT'S COAL TAR SOAP



WRIGHT, LAYMAN & UMNEY LTD.
SOUTHWARK · LONDON · S.E.1 · HOP 2315

TELEGRAPHIC ADDRESS,
LONDON.
CODES, A.B.C. 4TH EDITION.
A.B.C. 5TH " "
PRIVATE.
TELEPHONE: AVENUE 0114.

MESSRS.

Dear Sirs,
We beg to refer you to the transactions we had
the pleasure of having with your esteemed house in 1914
and regret that since then we have not been favoured with
your orders and enquiries.

As we have several cheap lots, we beg to offer
you to-day:

1½ cwt PHENACETIN B.P. Swiss manufacture 78/- per lb.

Trusting to be favoured with your esteemed order
by wire to-morrow morning. Yours truly,

J. H. Hunter

1016

London E.C.

31st May

1914

One of our friends turning out some salvage the other day
came across the above letter, which he sent us as a matter
of interest. War had then barely been waged for two years,
and the country was in desperate straits for numerous
essential medicinals.

1918

The earlier dependence of this country on German supplies
was soon bringing retribution in fantastic scarcity prices.

1939

Now, after five years of war, the steady building in pre-war
days of a British fine chemicals industry brings its reward.

1944

Users of Phenacetin who supported British manufacture
in peace time now rely comfortably on steady supplies
from MONSANTO—and at a price not far removed from
peace-time level.

Monsanto

RUA BON · WREXHAM · DENBIGHSHIRE

M1804

A



SANTONIN

Manufactured at our
Garden City Factory
from BRITISH EMPIRE
ARTEMISIA

CARNEGIE CHEMICALS (WELWYN) LTD
Manufacturers of Fine Chemicals
WELWYN GARDEN CITY
HERTFORDSHIRE

MEDICAL EVANS SUPPLIES

A laxative which can be recommended with confidence

PURGOIDS

The advice of the pharmacist is often sought regarding a suitable aperient in delicate conditions of health. Purgoids are ideal for this purpose, being fully effective yet comfortable in action. A generation of world-wide experience has justified the formula: Phenolphthalein, Aloin, Belladonna and Ipecacuanha. The Extra Pharmacopœa says regarding phenolphthalein: "It is more active than cascara and less griping. Is said to be the ideal purgative in intestinal toxæmia. Does not irritate the kidneys." Purgoids are sugar-coated tablets which are kept as small as possible.

Issued in bottles for counter sale at :

RETAIL (inc. tax)		WHOLESALE (subject to tax)
25 Tablets - - - 1/4	|	25 Tablets - - - 9½d.
100 " - - - 3/4	|	100 " - - - 2/-

Larger size bottles for dispensing contain :

500 Tablets at 7/3, 1,000 Tablets at 12/9,
5,000 Tablets at 60/-

EVANS SONS LESCHER AND WEBB LTD

FINE CHEMICALS ■■■ BIOLOGICALS ■■■ PHARMACEUTICALS

FOR ORAL MEDICATION

KERFOOTS
Proflavine
LOZENGES

enable the affected tissues
to be bathed in a naturally
buffered antiseptic solution.

Each contains
Proflavine Sulphate 3 mg.
In bottles of 30 and 500
1/8 and 20. including Tax
Usual Terms

KERFOOTS
Sulphanilamide
LOZENGES

are of special value in
throat affections due to local
streptococcal infection.

Each contains
Sulphanilamide gr. 1 (S4)
In bottles of 50 and 500
1/8 and 1 3/3
Usual Terms

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

KG17a

PROMOTES DEEP
REFRESHING
SLEEP

Cadbury's
BOURN-VITA

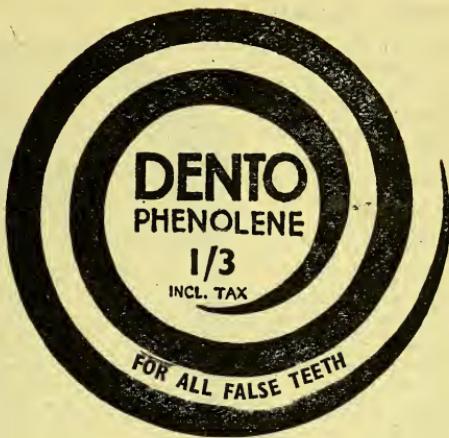
NEEDS NO SUGAR

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Order your requirements NOW!

9/- per dozen less discount

6 dozen parcel less 5% & 2½%

12 " " " 10% & 2½%

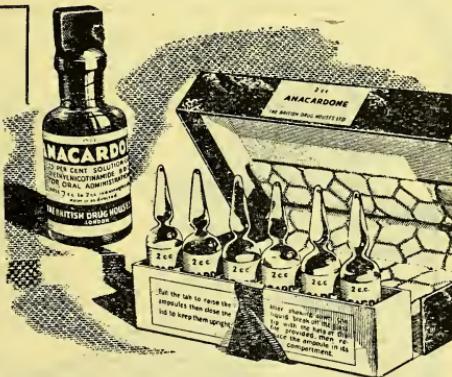
F. C. CALVERT & CO. LTD., MANCHESTER, 11

ANACARDONE

Anacardone is Nikethamide of the B.P. It is indicated in all forms of respiratory distress or cardiac insufficiency; for example, in surgical and obstetric shock, collapse following submersion, electric shock, narcotic poisoning; and cardiac and respiratory insufficiency due to pneumonia, influenza, and other infections.

Modes of Issue: in ampoules of a 25 per cent. solution for intravenous, intramuscular, or subcutaneous injection (Injection of Nikethamide B.P.) and in solution (flavoured) for oral administration.

Anacardone is advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock.



PRICES

Solution for parental administration:

Box of 6 x 2 c.c. ampoules Retail: 4/5.

Wholesale per doz. 32/-; Plus Purchase Tax 5/4 per doz.

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Wholesale per doz. 56/-; Plus Purchase Tax 9/4 per doz.

Box of 3 x 5 c.c. ampoules; Retail 5/7.

Wholesale per doz. 40/-; Plus Purchase Tax 6/8 per doz.

Box of 12 x 5 c.c. ampoules; Retail 18/4.

Wholesale per doz. 132/-; Plus Purchase Tax 22/- per doz.

A product of

THE BRITISH DRUG HOUSES, LTD., LONDON, N.1

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8½ d. for 12 tablets

1/5 d. for 25 tablets

including tax.

Display these attractive new packs on your counter and reap the benefit from our consistent advertising and growing sales.



"I know it is difficult"

RENDELLS
SILATEX
SANTRON
MENSINOLE

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.

There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.

Special Chemists' Display Material is still available, so write to-day for a supply.

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P.A.T.A.

For Feminine Hygiene

W. J. RENDELLS LTD. · HARDWICK HOUSE · 161-5 ROSEBERRY AVENUE · LONDON E.C.1



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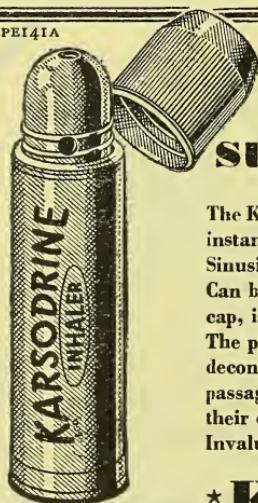
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scientific production facilities
specializing in the manufacture of
PILLS and TABLETS
for the Pharmaceutical trade.



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MANUFACTURING CHEMISTS FOR OVER A CENTURY

LPE141A



Offer real relief to sufferers from Catarrh

The KARSODRINE pocket inhaler (containing Amphetamine) affords instant and prolonged relief in cases of Nasal Catarrh, Head Colds, Sinusitis, and all forms of nasal congestion.

Can be carried in the pocket or handbag and, by removal of only one cap, is immediately ready for use.

The powerful vasoconstrictor in the inhaler instantly penetrates and decongests inflamed mucosa in the nasal cavity, freeing blocked air passages. KARSODRINE vapours are pleasant and soothing and their effect is prolonged.

Invaluable as a constant companion during epidemics.

* K A R S O D R I N E *

The vasoconstrictor inhaler with one cap

Each Karsodrine Inhaler contains: Amphetamine 0.330 grm.; Cineole 0.093 grm.; Ol. Citronell 0.026 grm.; Methyl Salicyl. 0.023 grm.; Ol. Cedri 0.005 grm.; Menthol 0.049 grm.; Ol. Eucalypt. 0.089 grm.

Retails at 1/5
(inc. tax). Shows up
to 5/2½ per doz. profit
even on small quantities,
when ordered with other 'Griffiths
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Send order to —

E. GRIFFITHS HUGHES LTD., 7, ADELPHI, SALFORD 3, MANCHESTER

PATA

SULPHAGUANIDINE TABLETS

Supplied in the following standard packages

- Bottles of 50 tablets
- Bottles of 100 tablets
- Bottles of 250 tablets
- Tins of 500 tablets
- Tins of 1000 tablets

*

Information regarding the above and other
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79 Baker St. W.1. Welbeck 7904



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& CO LTD
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The Story of Neodex Seltzer

Although it arrived on the market when imported products were unobtainable, Neodex Seltzer is not an untried, hastily contrived war-time substitute.

Our experiments to solve the problem of combining acid (aspirin) and alkali (soda bic) in a stable form first commenced in 1936, and Neodex Seltzer as now offered to the chemist is the direct result of our researches since that date.

A study of its formula will prove how confidently it can be recommended for Headaches, Digestive Troubles, and many types of Rheumatic or Neuralgic Pains.

Lithii Benzoas	..	..	..	..	..	3
Acidum Acetylsalicylicum	..	..	..	..	..	10
Acidum Citricum	..	..	..	..	..	34
Sodii Bicarbonas	..	..	..	..	to	100

So confident are we of Neodex Seltzer that if any customer should ever express dissatisfaction, we would ask the chemist to refund the full purchase price without question. Upon receipt of a card we will immediately reimburse the chemist plus postage.

International Laboratories, Ltd. - - - - - Charlbury, Oxford



NEODEX SELTZER

P.A.T.A.

A Permanent Line and Steadily Advertised

INSOMNIA?

"ISOBROM"
indicated!

A Non-toxic Mild Hypnotic and Sedative
containing 5 grs. Bromisovalerylurea per tablet

Bromisovalerylurea is a non-toxic mild hypnotic and sedative. Its activity and effect is mid-way between that of the Barbiturates on one hand and the Bromides and Valeren on the other. In therapeutic dosage ISOBROM may be administered for any length of time without producing either secondary or after-effects. It is not habit forming, causes "no rebound," have no cumulative effect. Well tolerated even by children and infants.

INDICATIONS

Insomnia caused by functional nervous disorders, mental strain, fatigue or worry (less effective in insomnia caused by pain). Neuralgia, Neuralgia, Hysteria, Dystonia, Nerves and Vomiting during pregnancy.

Sterile, Crutitis, Sea Sickness, etc. Nervous Conditions in children.

ACTION

Induces sleep in from 5-25 minutes from ingestion. Effect lasts from 4-5 hours and is usually followed by natural sleep. In Bottles containing 25 and 100 tablets. Dispensing Pack: 250 tablets.

Clinical samples and literature on request

CLINICAL PRODUCTS LTD.
RICHMOND, SURREY

THIS ADVERTISEMENT
IN MEDICAL JOURNALS
HAS ESTABLISHED
"ISOBROM"

Regular insertions, in conjunction with the efforts of our medical representatives, have resulted in an ever-increasing number of physicians prescribing ISOBROM, with a consequent steady flow of orders to Chemists.

In bottles of 25 and 100 tablets.

Obtain smalls through your wholesaler.

For best direct terms apply
to the sole manufacturers:

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LTD.
RICHMOND :: SURREY



THE
HOUSE OF MAW
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at your Service!

- SURGICAL DRESSINGS
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- SURGICAL APPLIANCES
- FIRST AID EQUIPMENT
- MEDICAL REQUISITES
- CHEMISTS SUNDRIES

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ESTABLISHED 1807

FENNINGS

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P.A.T.A.

FENNINGS' FEVER MIXTURE 1/3 a bottle

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FENNINGS' LITTLE HEALERS

For Coughs, Colds, Bronchitis, etc. 3/- glass tubes and 6/- Carton of 12 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations. 1/3 a tin

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FENNINGS' WORM POWDERS

FENNINGS' STOMACH STRENGTHENERS

FENNINGS' RHEUMATIC AND ERYSPIELAS DROPS— 1/3 a bottle

Please address orders and inquiries to your Wholesaler

N.B.—**FENNINGS' COOLING POWDERS** (Children's and Adults') are at present in short supply, owing to war conditions, but every endeavour is being made to execute orders

PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)
COWES, Isle of Wight

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Large and renowned firm of manufacturing chemists invite enquiries for Pharmaceutical products and Drugs for export to all parts of the world, especially English-speaking countries. Send for list and samples of specialities.

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A CHEMIST SAYS . . .

There is no
remedy to
equal it!



and am delighted to recommend Dr. Singha Tablets to my Asthma-suffering customers.

PRICES:

1/6, 5/-, 12/-, 20/-
(exclusive of purchase tax)

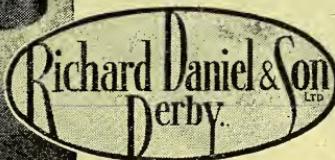
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CAERNARVON, NORTH WALES

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ASTHMA TABLETS



Established 1860

MANUFACTURERS OF
TABLETS
AND
PILLS
For the
Pharmaceutical
Trade



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**‘ALBUCID’ SOLUBLE
NASO-PHARYNGEAL
SOLUTION . . .**

This member of the ‘Albucid’ series received a very encouraging welcome when it was first introduced. It will be of particular significance in the coming months, and stock will not for long remain stock. Order direct, if you please, and we will invoice through your usual wholesaler.

*New British Schering price-list will be sent on receipt
of a 1d. stamp (paper, restrictions.)*

BRITISH SCHERING LIMITED
85-190 HIGH HOLBORN
LONDON · W.C.1



*‘Albucid’ is the registered name which
distinguishes sulphacetamide of British
Schering manufacture*

S28





'Dettol' Ointment is now packed in jars, instead of tubes, in order to save metal for munitions.

Dettol Ointment
presents the active germicidal principle (P-chlor-M-xylol) of 'Dettol' antiseptic in a smooth, soothing base. The base is emollient and curative. It penetrates deeply, effecting close and prolonged contact between the bacteria and the bactericide. For all septic, and potentially septic, conditions of the skin, where an ointment form is preferable to a liquid antiseptic, 'Dettol' Ointment may be recommended with confidence.

Packed in 1-lb. jars for Hospital and Surgery use.

RECKITT AND SONS,
HULL AND LONDON. (PHARMACEUTICAL DEPT., HULL)

CURICONES

SPECIAL ANNOUNCEMENT regarding GELATINE CAPSULE

War demands are holding up supplies of the Gelatine Capsule containers and for the time being we are obliged to market Curicones in TABLET form. This does not affect their efficacy in any way whatsoever.

We hold a limited quantity of Curicones in Gelatine Capsules and these are being rationed in FIVE SHILLING Bottles. The 24/- size is temporarily withdrawn until Tablet supplies are ready. In the meantime, you should still recommend

CURICONES

FOR ALL RHEUMATIC AILMENTS

ORDER THROUGH YOUR
USUAL WHOLESALER

STEPHEN MATTHEWS & CO., LTD.
19-21 Farringdon Street, London, E.C.4

EPISEPS

Limited supplies of Episeps Germicidal Throat Tablets (increased sugar content) are available from all C.F. Wholesalers @ 10/6 per doz., plus tax. Or in case of difficulty, direct at the rate of £6 19s. 8d. per gross,
CASH WITH ORDER



★ ORDER YOUR SEASON'S STOCKS NOW!

EPISEPS LIMITED, Eastbrook Bdg., Leeds Rd., Bradford, Yorks.

INFLUCOL



A COMPREHENSIVE TREATMENT FOR THE PREVENTION AND CURE OF THE COMMON COLD AND INFLUENZA.

Containing oral vaccines comprising heat sterilised killed cultures of Hæmolytic Streptococcus, 250 million; Pneumococcus, 250 million; Micrococcus Catarrhalis, 500 million; 2.8, Diamino Acridine Sulph. '005, Iodum '1, in acid saline base with processed protective coatings.

★ **Special Introductory Offer**

13 TO THE DOZEN

3 dozen 2/11d. Influcol at 21/- per dozen	£3	3	0
LESS 5 per cent. Cash with Order	3	2	
	3	0	1

Purchase Tax at 16½ per cent	10	0	0
" " on bonus	10		
CASH WITH ORDER	£3	10	11

Send Cash with order or
 NAME OF USUAL WHOLESALER.

INFLUCOL LIMITED, 24/28 Chapel Street, Bradford

THE CHEMISTS' PRINTERS FOR OVER SIXTY YEARS

THOMAS WAIDE & SONS, LTD.
KIRKSTALL HILL
LEEDS

Dr Page-Barker's Scurf Lotion

This well-known preparation is still being manufactured to the original formula, although owing to wartime conditions supplies are somewhat restricted.

If you find any difficulty in obtaining supplies send us the name of your usual Wholesaler and we will do our best to assist you.

Trade price **18/-** per doz.

Plus Tax **ONE SIXTH**

Retail **2/9**

NOTE Reduced Purchase Tax

Sole Manufacturers and Proprietors—

ILEX SUPPLY CO., LTD.

(Page-Barker Dept.)

252b GRAYS INN ROAD, W.C.1





**NOW you
can say
“YES SIR,
WE HAVE IT
IN STOCK”**

WHEN your customers ask you for Macleans Super Lather Shaving Cream, they need no longer be disappointed, because larger supplies are now available.

Many men have discovered how quickly and easily Macleans Shaving Cream deals with even the toughest beard, and the demand for it has been heavy. Put your order in to-day; your customers will appreciate this improved and thoroughly reliable product.

RETAIL
PRICE

1/3

**MACLEANS *Super Lather*
Shaving Cream**

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**RELIEF
to the Asthmatic
GOODWILL
to the Chemist**

30 TABLETS

3/4*½*

TRIAL SIZE

7 FULL DOSES

1*½*

PRICES INCLUDE PURCHASE TAX



INTERNATIONAL LABORATORIES Ltd., Charlbury, Oxford

When you come to



work
it
out

Old friends are best—remedies the public has been asking for over the past fifty years are there in the right column. The National Digestion will, some time, have to work its way out of austerity diet, and then as now there'll be very good demand for

BOX'S PILLS

P.A.T.A.

Retail Prices

1/3, 3/-, 4/10*½*, 12/-, 21/9 Including Purchase Tax
W. H. BOX, KING STREET, PLYMOUTH

Teething

Mothers are always
grateful if you
recommend



Supplies still available

Enquiries are invited

JOHN H. SMITH & CO.
WHOLESALE AND
MANUFACTURING CHEMISTS
BRIDGE STREET
NEWARK ON TRENT

DRURY'S

INFANTS' PRESERVATIVE

The safest and most reliable
remedy for Griping Pains,
Wind, Restlessness and other
distressing complaints

Dr. White's

KOMPO
FOR
COLDS

Manufactured only by

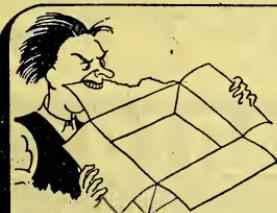
J. F. WHITE & CO., LTD.
Lovington Laboratory, Benson St., Leeds, 7

THERE IS A LIMIT

WHEN you ask and are refused, it is because, to meet your requirements to the full, other Pharmacists would go short ; and conversely to fill completely their needs would mean further deletions or reductions in the commodities you are justified to receive.

We shall be obliged therefore if, in fairness to all in the trade, you will confine your orders to those lines, and in the reasonable quantities, it has been your practice to obtain from us regularly.

CUXSON, GERRARD & CO., LTD. : OLDBURY : BIRMINGHAM



Please don't tear Flaps !

We're still in a bit of a flap about FLAPS ! Please be careful not to tear them when collapsing fibre-board cases for collection. Otherwise they're useless for using again. And—you won't forget to keep the flaps sticking out, *not* folded in, will you ? Thanks very much.

Remember, cash is paid for all usable cases at time of collection. No book entries ! No credit notes ! Vans collect during normal deliveries. C.R.S. vans provide regular additional service every 3-4 weeks.

PLEASE open cases carefully. Don't break wooden lids or tear fibre-board flaps. ALLOWANCE CARD, giving full details of prices, on application.

open carefully *sort them out*
keep them clean **C·R·S** *have them ready*

Sole Authorised Collectors for Metal Tube Salvage.

★ Chemists who are not receiving regular Collection Service are invited to inform us immediately.

C.R.S 9A-51

CONTAINER RECOVERY SERVICE

S.P.D. LIMITED

Unilever House, Blackfriars, London, E.C.4

Telephone :
Central 7474

Telegrams :
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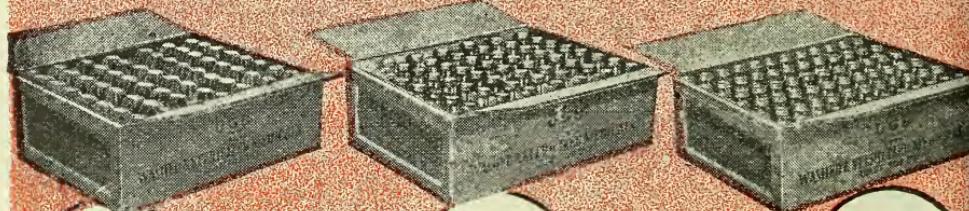
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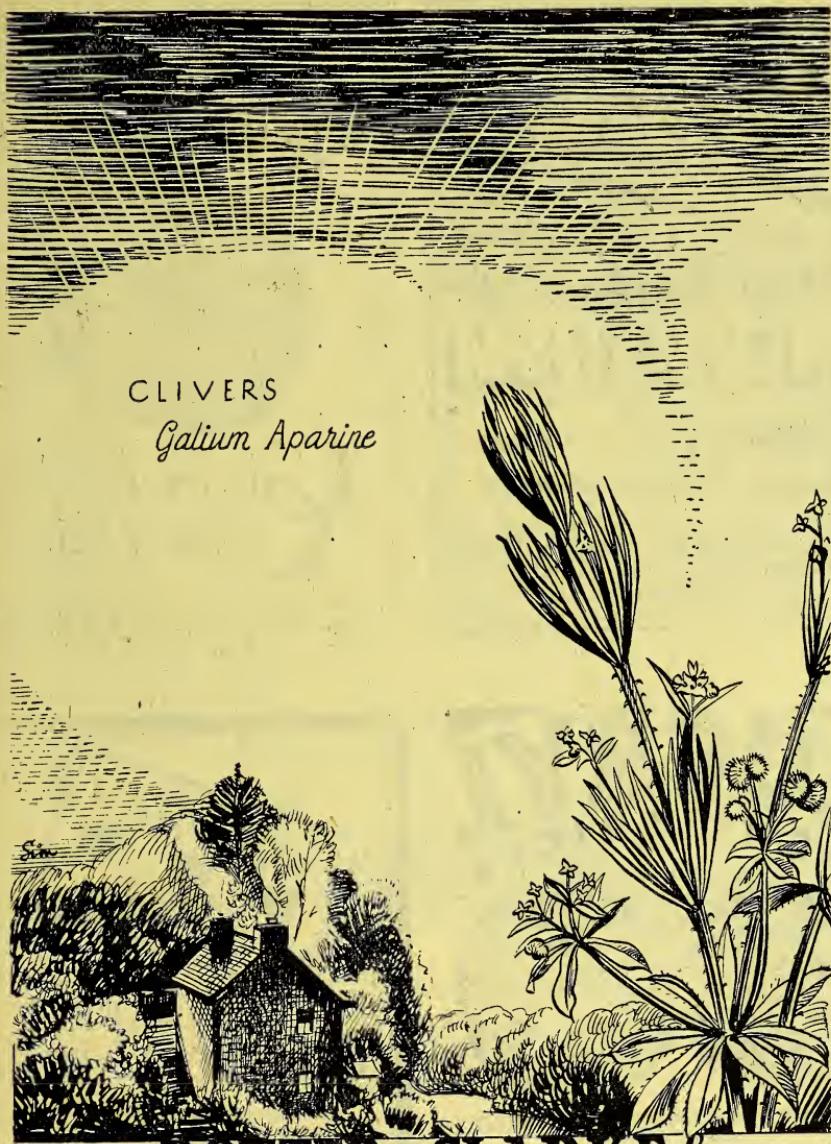
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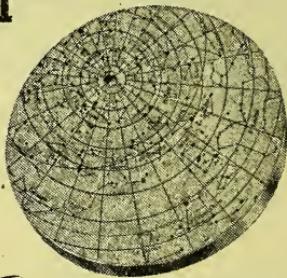
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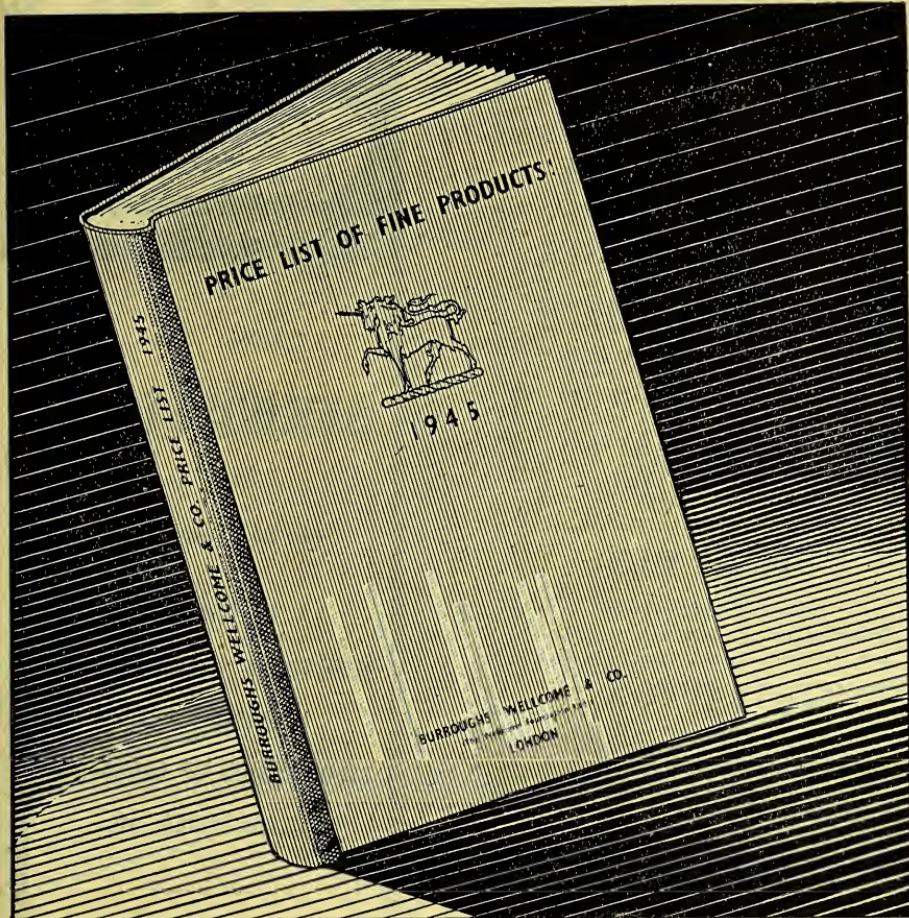
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NEWS OF THE WEEK

Call-up of Pharmacists in Scotland.—The Scottish Central Pharmaceutical War Committee has issued a statement to the effect that it has recommended deferments for certain groups of pharmacists parallel to the recommendations already noted (see *C. & D.*, October 21, p. 433) for England and Wales.

Retail Sales of Blackcurrant Purée.—The Minister of Food has made an Order (S. R. & O., 1944, No. 1169) amending the Fruit Pulp Order, 1944 (S. R. & O., No. 798) and providing that no record need be kept in respect of retail sales of blackcurrant purée. The obligation on retailers to keep a record of their purchases remains unaltered.

Income Tax Concession.—The Chancellor of the Exchequer (Sir John Anderson) has published a White Paper giving a list of war-time concessions in the administration of income tax, excess profits tax and other duties. Among them is a provision that if a worker receives a Christmas box from his employer in the form of saving certificates or stamps, the gift is not liable to income tax.

World Standard for Penicillin.—The Health Committee of the League of Nations has reached agreement on an international standard and unit for penicillin, following a conference in London attended by representatives of various countries (*C. & D.*, October 21, p. 419). Sir Henry Dale (president of the Royal Society) said there could be no doubt that workers on both sides of the Atlantic, and eventually in the whole world, would be using the same standard dosage, and agreement on this important point would be a great advantage in the further development of penicillins.

Register of Dieticians.—The Board of Registration of Medical Auxiliaries has published a first Register of Dieticians, which contains the names of some 140 members of the British Dietetic Association. Dietetics is defined in the register as the interpretation and application of the scientific principles of nutrition in health and disease. The registered dieticians agree, however, in cases of disease, not to undertake the dietetic treatment of any condition except under the direction and

control of a registered medical practitioner. Copies of the register may be obtained free on application to the secretary, Board of Registration of Medical Auxiliaries, B.M.A. House, Tavistock Square, London, W.C.1.

German Patent Confiscation Urged.—In a speech at Nottingham on October 19, Mr. Arthur Sugden (secretary, Boots, Ltd.) declared that, unless the Allies confiscated German patents as part of the peace terms, thousands of British manufacturers might be debarred from exporting to countries in which Germany had taken out patents. At the start of the war British manufacturers had had to apply for special licences to work enemy patents in order to supply this country with vital products. In some instances (e.g. mepacrine manufacture) new industries had been established, but the manufacturers were liable to be shut out of the world markets because German patents in overseas territories still stood in the name of enemy holders.

Winter Closing of Shops.—The Home Office announces that under Defence Regulations governing the closing hour of shops, the arrangements in force this winter will be as follows: (1) From Sunday, November 5, 1944, to Saturday, March 3, 1945, inclusive, shops, other than in exempted trades, are required to close not later than 6 p.m. (7.30 on the late night). (2) From Sunday, November 19, 1944, to Saturday, January 13, 1945, inclusive, shops in the central areas and streets of London (as specified in previous years in the Regional Commissioner's Order) will close at 4 p.m., the period being shorter than in previous winters. (3) In localities outside London, where Orders may be made by Regional Commissioners, closing hours will be as specified in those Orders.

Trade Research Gift.—Sir Samuel Courtauld has offered a sum of £2,000 annually for seven years to the Congregation of Oxford University to be spent on research into the relative efficiency of small- and large-scale businesses, and allied problems of industrial structure and organisation. The researches will be carried out under the direction of the Warden and Fellows of Nuffield College, Oxford.

Peterborough Branch and Association.—At the annual meeting of the Peterborough and District Chemists' Association and Branch of the Pharmaceutical Society, held on October 20, the following officers were elected: *Chairman*, Mr. F. D. Middleton; *Vice-chairman*, Mr. G. W. Dring; *Treasurer*, Mr. C. W. Lenton; *Council*, Messrs. A.

Duffield, A. R. L. Evans, A. M. Graham, H. Stanyon, and H. E. Whitwell, with Mr. A. C. Fowler *ex-officio*; *Secretary*, Mr. B. Wright Ganton, 26 Queen's Gardens, Peterborough (for tenth term of office).

Penicillin from County Laboratory.—The Ministry of Health has asked for full details of methods adopted for the production of penicillin at the County Laboratory, Wakefield, Yorks. It is intended that the information shall be notified to the Ministry of Supply with a view to its possible use on a manufacturing scale. The West Riding Public Health and Welfare Committee, in a report presented recently, stated that the assistant bacteriologist in the laboratory had succeeded in finding a method of growing the mould to produce the greatest yield while simplifying the process of extraction.

Anglo-U.S. Trade Exchanges.—In an address to the American Chamber of Commerce in London on October 19, Sir George Schuster, M.P., suggested that British and American export problems after the war should be solved from careful factual study of the economic conditions in each country by delegations of industrialists and economists from both countries. Mr. Gilbert H. Carr (vice-president) said the Chamber would be glad to support the suggestion and no doubt their president would put it forward to the International Business Conference at Atlantic City, U.S.A., in November.

Leeds Dehydration Lecture.—An instructive address on "Dehydration of Milk: A Chemical Engineering Problem," was given by Mr. Treffor Davies, B.Sc., to the Leeds Branch of the Pharmaceutical Society at Leeds on October 12. Visitors included the city analyst (Mr. C. H. Manley, M.A.) and Mr. C. W. Butterworth, B.Sc. (College of Technology). Messrs. R. W. Gillham, T. Heseltine, P. Dobson and Butterworth took part in the subsequent discussion, and a vote of thanks was proposed by Mr. C. H. Manley and seconded by Mr. G. C. Crummack. The chairman of the branch (Mr. G. S. Challinor) presided.

Cardiff Post-graduate Lectures.—The first of a series of lectures inaugurated by the Cardiff Branch of the Pharmaceutical Society was held at the Technical College, Cardiff, on October 12, when Mr. R. Vernon Lloyd (head of the Welsh College of Pharmacy) spoke on "The Trend of Modern Pharmacy." He explained how galenicals and crude drugs are being replaced by pure chemicals; synthetic chemicals are being

introduced; advances are being made in physiology and bacteriology; modes of administration are being changed. He compared the 1914 and 1932 Pharmacopoeias and gave a studied picture of pharmacy as it may well be in the future. A vote of thanks was proposed by Mr. A. L. Davies (vice-president) and seconded by Mr. A. S. Johnson.

Local Pharmacy Sought.—Castle Ward rural and Longbenton urban councils, Northumberland, are to support a public movement to secure a chemist's shop to cater for that area, which houses 6,000 inhabitants. For ten years a demand has been put forward, but without result. To obtain medical necessities, people have to travel to Gosforth, at a cost of 5d. to 7d. in bus fares. The Cramlington Co-operative Society, Ltd., applied recently for a licence for a chemist's shop, but received a reply from the district pharmaceutical war committee and local price regulation committee that such a venture was not considered necessary at the present time.

Glasgow Move Against Juvenile Employment.—The Education Committee of the City of Glasgow has appealed to the Corporation to prohibit the employment of schoolchildren. For some time the Committee has had under consideration a request by the Scottish Education Department to obtain as complete and up-to-date a picture as possible of the number of children in employment, the nature of their work, and its effect on their health and education progress. Local authorities circularised were also asked to add their views on further prohibitions and restrictions which were considered desirable. The Committee resolved to recommend that penalties for contraventions of the Children's and Young Persons' Act, 1937, should be increased, and suggested that provision should be made for the imprisonment of offenders without the option of a fine.

Hormone Film at Coventry.—A combined meeting of the Coventry Branch of the National Pharmaceutical Union and members of the medical profession at Coventry, recently, followed with close attention the first provincial screening of a Technicolor sound film on "Sex Hormones: Physiology, Diagnosis and Treatment." The film was introduced by Dr. Stanley White (Parke, Davis & Co.), who later answered many questions on the subject. During discussion Dr. W. P. Elford urged the need for standardising the many glandular preparations placed upon

the market. Dr. Cyril Shepherd said the film was unique in instructional value and presentation of one of the most complex of all medical subjects. Mr. C. N. Watts commended the film from photographic, medical and psychological standpoints. The chairman (Mr. W. A. Bales) welcomed the many members of the medical profession present, describing this as a good indication of future unity.

West Ham Lecture and Resolution.—At a meeting of the West Ham and Eastern District Association of Pharmacists and local branch of the Pharmaceutical Society held at Stratford on October 17, Mr. J. C. Young, Ph.C. (chairman, Publications Committee of the Society's Council), gave an address on "Pharmaceutical Books, or Tools of our Trade." He exhibited many books of interest, including a bound copy of the first volume of *THE CHEMIST AND DRUGGIST*. From the last-named he read extracts of advertisements, including an announcement of a vacancy for a "gentle young assistant who would worship at the local Wesleyan Chapel each Sunday." He drew attention to the amount of voluntary unpaid work involved in compiling such publications as the British Pharmaceutical Codex. A vote of thanks to the lecturer was moved by Mr. Gordon Harris (vice-president) and seconded by Mr. F. R. Maxey (a past-president). The meeting also unanimously passed a resolution supporting a campaign of the Early Closing Association to amend the Shops Acts so that the statutory closing-times of shops should be advanced by one hour.

British Standards Institution.—At the annual meeting of the British Standards Institution, held in London on October 17, Lord Woolton was elected *President*, Sir Percy Ashley *Vice-president*, and Sir William Larke *Chairman of the Joint Council*. Dr. E. F. Armstrong, F.R.S. (chairman of the finance committee), reported that income and expenditure for the year had increased by 28 per cent. and was now about £69,000. Sales of standards specifications had gone up 39 per cent., and the Government grant-in-aid was nearly double at £12,900. There was an increase of 15 per cent. in subscribing members, but greater support was needed from local authorities and industry. The outgoing chairman (Sir Percy Ashley) reviewed work done by the Institution during the war years, and concluded by saying that industrial standards were likely to become increasingly desirable. To

secure general acceptance they must be prepared and promulgated either by a Government department or by an independent body with Government support; such an organisation had been built up during forty years in the British Standards Institution.

Approved Plant Pest Proprietaries.—The Ministry of Agriculture and Fisheries and the Department of Agriculture for Scotland announce that they are prepared to receive applications for the official approval of wetters and spreaders, as well as further applications for official approval of proprietary lead arsenate powders and pastes, lime sulphur washes, miscible tar-oil winter washes, stock-emulsion tar-oil winter washes, organo-mercury dry seed dressings, copper sulphates, copper fungicides (exclusive of seed dressings), and derris and lonchocarpus insecticides. The applicant

must be either the manufacturer or the authorised agent under whose name the product is sold. For a product sold and used in Great Britain but manufactured elsewhere, applications will be accepted from the authorised selling agent resident in Great Britain. Requests for application forms, indicating the number of applications to be submitted in each group, and for particulars of the scheme if required, should be sent to the Secretary of the Advisory Committee, Plant Pathology Laboratory, Milton Road, Harpenden, Herts. A separate form is required for each proprietary named.

Factory Savings.—The total contribution of factory staffs of Imperial Chemical Industries, Ltd., to recent Salute the Soldier campaigns totalled over £2,300,000, of which nearly £700,000 was in small savings.

PARLIAMENTARY NEWS

Supplies of Herbs.—The Minister of Food, when asked on October 18 if he was satisfied that there were no available home supplies of sage, thyme or marjoram before causing an order to be placed abroad, said home supplies were inadequate. He would like to see a larger home production of these products in marketable condition.

Penicillin for Bacterial Endocarditis.—In reply to a question on October 19, the Minister of Health (Mr. Willink) said he was advised that the value of penicillin for the treatment of bacterial endocarditis had not been established, and in view of the limited amount available for civilians, he had not felt justified in recommending its use for that disease.

Marking of Anaesthetics Cylinders.—The Minister of Health informed Mr. G. R. Strauss on October 19 that the British Standards Institution had appointed a committee to consider what measures could be adopted to distinguish more readily than at present between the various medical-gas cylinders used in connexion with the administration of anaesthetics. His Department was represented on this committee. (Editorial, p. 458.)

Rheumatoid Arthritis Serum.—The Minister of Health (Mr. Willink) stated on October 19, in reply to a question, that he understood the Empire Rheumatism Council had carried out tests with a small supply of serum sent to them from Russia and that the results obtained did not justify a favourable verdict. The Council proposed to make

further investigations when war conditions permitted, but meanwhile they were not prepared to recommend the use of this serum.

Proprietary Medicines.—Mr. J. Dugdale asked the Minister of Health, on October 19, whether he would have an inquiry made into all proprietary medicines claiming to cure certain diseases, with a view to warning the public against those found not to act in accordance with their claims. Mr. Willink: I do not think that action on these lines would be practicable. But I would remind my hon. Friend that it is already unlawful to advertise any article for the treatment of certain diseases, including cancer, diabetes, tuberculosis and venereal diseases.

Importation of Sponges.—Mr. Martin asked the President of the Board of Trade on October 17 whether he would take steps to increase the import of sponges into this country and to reduce their retail price. Mr. Dalton replied that prices of sponges were controlled under the Prices of Goods Act, 1939. In 1943 the Central Price Regulation Committee had investigated the possibility of a maximum price order for sponges, but had advised him that, in view of the very wide variation in size and quality, this would not be practicable. Blight in the Bahamas fisheries and the enemy occupation of Greece and the Aegean Islands had seriously restricted supplies. He hoped that, as a result of events now taking place in the Eastern Mediterranean, imports would increase.

TOPICAL REFLECTIONS

Patents Law Proposals

The chemico-legal aspect of the law of British patents has been so thoroughly explored, both by the committee whose findings are summarised on pp. 434-35 and in your editorial article on p. 431, that any comment from me may appear superfluous. May I, however, underline one or two features of the committee's report? The recommendation that a Patents Division of the High Court should be set up, and that it should include a lay expert (or possibly two), strikes me as an admirable suggestion. There is a precedent for this arrangement in the Probate, Divorce and Admiralty Division; in Admiralty cases assessors are, or may be, called in to assist the Court in unravelling technicalities. Further, the number of cases entered for hearing in most or all of the divisions of the High Court from session to session renders "the law's delay" inevitable unless more judges are appointed; and such appointments may fittingly be accompanied by a fresh classification of the courts. The general question of the extent to which research should be rewarded financially by a grant of the exclusive right of manufacture has been discussed more than once: I content myself with remarking that legislation should recognise a relative rather than an absolute right to this reward. As is well known, Dewar in this country, and Pierre and Marie Curie in France, placed their discoveries at the disposal of the world without demanding a fee. Perhaps the promoters of amendments to patents law can help those of us who have to grapple with the multiplicity of brand names for individual chemical substances. On turning to p. 44 of Mr. William Mair's "Index of New Remedies" (1941), I find no fewer than thirty-two trade names for sulphanilamide.

"Foreign" N.H.I. Areas

From Bournemouth comes news (p. 428) of trouble with N.H.I. prescriptions written in other areas. The local Insurance Committee has recommended that the Minister of Health be requested to devise some means of paying panel chemists for dispensing the medicines alluded to. The difficulty has been experienced for several years, and has been accentuated by war conditions. I notice that negotiations with the Ministry were reported at the June 1943 meeting of the National Pharmaceutical Union Executive, when it was stated that "no reply had been received

from the Ministry" upon a suggestion like that of the Bournemouth Insurance Committee. The matter was again referred to on March 1 last by Mr. T. Heseltine, at that time chairman of the N.P.U. Executive (C. & D., 1944, I, 288). One can easily imagine the perturbation in Whitehall over a suggestion so plainly in consonance with common sense. ("But, my dear sir (or madam), how can we possibly keep our statistics in order if the accounts of different Insurance Committees are mixed up in this way? Don't you see that it might take years to disentangle them?" And so forth.) If the resources of accountancy at the disposal of the Ministry are unequal to dealing with these trivial sums so as to present a tidy balance sheet, insured persons and panel chemists must continue to bear this nuisance as best they can; one would have thought that such payments could have been regularised long ago.

In Assyria

Your reference to a mention of liquorice on an Assyrian tablet (pp. 427, 441) attracted my attention a few hours after I had finished reading the second edition (1925) of Sir Wallis Budge's "Babylonian Life and History." That authority tells us that the frontiers between Assyria and Babylonia have not been precisely defined. About 1250 B.C. an Assyrian army conquered Babylonia, which for a time became a province of its powerful neighbour; but the record of predatory wars in that part of the world is too complex to be summarised in a sentence. For me the most easily read chapters of this book are the last two, dealing with recent excavations by Dr. R. Campbell Thompson, Dr. H. R. Hall, Sir Leonard Woolley and others. It may be remembered that in 1924 your Annual Special Issue contained an article on Assyrian pharmacy (a somewhat generous extension of the term "pharmacy"), with special reference to the late Dr. Campbell Thompson's erudite studies of some of the clay tablets recovered from Assyrian sites. Many of his recent monographs are to be found in the journals of certain learned societies, publications not readily accessible. And, as so accomplished an explorer was well aware, there are obvious difficulties in attempting to correlate ancient articles of *materia medica* with their modern counterparts. We are not without hope that still earlier records of the use of medicaments may come to light.

Xrayser

LEGAL REPORTS

Chemist's Evidence in Eire Murder Trial.—Mr. Sean Gilsenan, M.P.S.I., Rathmines Road, Dublin, was a witness in the trial which opened recently at the Central Criminal Court, Dublin, of James Herbert Lehman, an ex-Canadian soldier, who was charged with the murder of his wife in March. In his evidence, Mr. Gilsenan stated that Lehman called at his pharmacy early in March and asked about some potassium cyanide, which he said he wanted for testing coffee. Later he sold Lehman 150 grains of the compound. On March 20, the day after his wife's death, Lehman told him that his wife was "always taking something and did not want children."

Self-cure Claimed by Drug Addict.—At the Old Bailey, London, recently, a thirty-six-year-old woman ambulance driver, charged with being in unlawful possession of drugs, protested her innocence. "I know my story is fantastic, but it is true. Though the doctor refused to believe it, I cured myself of being a drug addict," she said. She claimed that the morphine tablets found in her possession were an accumulation of tablets given her by a doctor, but she had not taken them because she no longer craved for drugs. She was bound over for three years after a doctor and a police officer had expressed the opinion that she was still a drug addict. A police inspector said he did not think she told a true story about where she obtained the drugs. He agreed that on one occasion she had voluntarily handed over sixty-six tablets of morphine. The Recorder, in giving his decision as stated, said there were certain features of the case he did not pretend to understand. There was no suggestion that the woman was trafficking in the drugs. Work might be her best cure, but in fairness to herself she should reveal the source of her supplies.

Alleged Pose as Doctor.—At Worthing, recently, George Howard, Lancing, was charged with stealing a bottle of tincture of opium, value 3s., from Sidney Bowman Davies, Ph.C., Worthing, and of obtaining goods to the value of 1s. 3d. by false pretences from Edmund Grimshaw, M.P.S. Defendant pleaded guilty under the influence of drink. It was stated that on September 26 Howard walked into a chemist's shop at 3 Brighton Road, Worthing, and informed Mr. Davies, the pharmacist, that he was a doctor and an inspector for the Ministry of Health. He gave a

verbal prescription in correct medical terms and the chemist wrote it down at defendant's request. Defendant said he would drink the medicine on the premises, and asked the chemist to add two minimis tincture of opium. He then drank the mixture; later Mr. Davies noticed that a bottle was missing, and informed the police. When interviewed, defendant stated that he had thrown the bottle out of a taxi window, but the bottle was found on him when he was searched. At 29 Brighton Road defendant called and asked for a draught for a friend. Mr. Grimshaw informed him that a doctor's prescription was necessary before he could give it, and defendant then gave a prescription in correct Latin. He was bound over for twelve months and ordered to pay costs.

Pharmacy Act Fines.—At Bow Street, London, on October 19, The Hygienic Stores, Ltd., Charing Cross Road, London, W.C., were summoned for committing three breaches of the Pharmacy and Poisons Act, 1933, in respect of a sale of Sedormid at their Piccadilly branch. They pleaded guilty. The summonses alleged that the preparation was sold in a container without a label giving the name and address of the seller; that it was sold to a person not certified in writing, as prescribed by the Poisons Rules, 1935, or known to be a person to whom the poison might properly be sold, and that the required entry in a poisons book was not made. The maximum penalty was £50 for each offence. For the defence it was urged that in the sale of poison by a pharmacist fifteen different things had to be done. The items left undone were all due to the default of the pharmacist, who was, at the time of being asked for the preparation, reading a letter informing him that a friend had been killed. The drug was just to hand, and feeling rather stunned by his news he forgot to do what he ought to have done. He had had twenty-three years' experience. The magistrate was told that a superintendent visited the various branches. He said a rather important principle was involved. If the assistant had been before him he would have told him he had no business to be reading letters or to allow his attention to be diverted when handling dangerous things like poisons. Chemists had to remember how important it was that their servants should not make mistakes. He imposed a penalty of £10 on each of the three summonses, with £7 costs.

COMPANY NEWS

DEODOLAV, LTD. (P.C.)—Capital £100. Chemists, druggists, drysalters, etc. Fred Mitchell, M.P.S., and Eric Robinson, M.P.S., directors. R.O.: 11 Cheapside, Bradford, Yorks.

INGO CHEMICALS, LTD. (P.C.)—Capital £1,000. Manufacturers of and dealers in chemicals for dry cleaning, toilet preparations, drugs, etc. Utacti Products, Ltd., directors. R.O.: Gresse Buildings, Stephen Street, London, W.1.

MAYFAIR PHARMACY, LTD. (P.C.)—Capital £1,500. Wholesale, retail and manufacturing chemists, etc. / Robert Gaunt, M.P.S., and John E. Wilson, M.P.S., directors. R.O.: 108 Mount Street, Berkeley Square, London, W.1.

MEDICAL GLASS, LTD. (P.C.)—Capital £500. Manufacturers of and dealers in medical and pharmaceutical glassware, hospital and scientific instruments and requisites, etc. Leon J. Isserlis, director. R.O.: 65 Lisson Grove, London, N.W.1.

JELLY INDUSTRIES, LTD. (P.C.)—Capital £5,000. Manufacturers of and dealers in jellies and jelly essences for edible or medicinal purposes, etc. Raymond G. Egan and George D. Cotton, directors. R.O.: Donington House, Norfolk Street, London, W.C.2.

HEATH & HEATHER (SHOPS), LTD. (P.C.)—Capital £10,000. Manufacturers of and dealers in herbs, herbal and vegetable remedies, etc. Joan E. Ryder, Alexander Simpson, James Martin, Leslie T. Claisen, and Stanley F. Mayes, directors. R.O.: Halverton, 2 Harpenden Road, St. Albans.

FRED HINDLE, LTD. (P.C.)—Capital £3,000. To acquire the business of a chemist and druggist carried on by Fred Hindle, 60 North Road, Lancaster. Fred Hindle, M.P.S., H. H. Hindle, Mrs. Mary Hindle, and John A. Hornsey, M.P.S., directors. R.O.: 60 North Road, Lancaster.

Bankruptcy.—LESLIE CHARLES DAVIS, carrying on business under the style of The Beech Road Drug Store, 4 Beech Road, St. Albans. The above debtor appeared at the Court House, Town Hall, St. Albans, recently, for his public examination. The Assistant Official Receiver, however, applied for an adjournment of the case. The debtor's statement of affairs was not lodged until September 2, and there had been insufficient time in which to issue summaries. The hearing was adjourned.

IN THE COURTS

Fine Reduced.—On October 4, the Leicestershire Recorder upheld on appeal the conviction of William Peter Vickerstaff, a Leicester herbalist (see *C. & D.*, July 29, p. 108), for publishing an advertisement offering to give advice on or treat any person for cancer. At the same time he reduced the total fine imposed from £120 to £20 and agreed to state a case.

£1,000 Cosmetics Fine.—At London Sessions, on September 28, Salvatore Gentile, an Italian, was fined £1,000 for manufacturing and supplying brilliantine, hair dye and other articles without licence, and for supplying controlled goods which did not bear the name and address of the manufacturer. Goods found at Gentile's premises were directed to be confiscated.

Herbalist Fined.—Fines totalling £120, with £20 costs, were imposed on Edward John Toft, a herbalist, Croesyfran, St. Dogmaels, Pembrokeshire, recently, on twelve charges of false pretences in obtaining money from women for certain substances which he supplied. He was allowed four months to pay, and was bound over in the sum of £100 for three years.

Alleged Customs Offences.—At Liverpool, on October 13, Mrs. Elizabeth Higgins and James Bennett, seaman, appeared on charges of knowingly harbouring uncustomed goods, including eight boxes of face powder and 2,890 lipsticks. Bennett pleaded guilty and Higgins not guilty. It was stated that the total cost of all the goods, with purchase tax, amounted to £4,216. Bennett was fined £1,500; the charge against Higgins was withdrawn.

House-breaking by Youths.—At Edinburgh sheriff court, on October 13, three youths pleaded guilty to ten charges involving house-breaking, theft, assault and robbery, one of the victims being a chemist in Dalry Road, Edinburgh. One of the three levelled a revolver at the chemist, who was taken to the back shop and gagged, the gag being later removed as the victim was in a fainting condition. £6 taken from the till was not recovered. Sentences of detention at an institution were passed on two of the youths; on the third, sentence was deferred.

A Reminder.—“It is essential that waste paper should continue to be collected to the greatest possible extent, in order to maintain supplies of paper at their present level.”—The Minister of Production, in the House of Commons, on October 18.

TRADE NOTES

Introductory Offer.—A special offer of thirteen to the doz. Influcol cold and influenza treatment is offered for the time being by Influcol, Ltd., 24-28 Chapel Street, Bradford.

Revised Price List.—Imperial Chemical (Pharmaceuticals), Ltd., 89 Oxford Street, Manchester, have issued a revised trade price list. Application for copies should be accompanied by a penny stamp.

Drug Price List.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, announce that a new edition of their drugs price list B is now ready. A copy will be sent to any pharmacist sending a penny stamp.

Ovendosyn Forte.—Menley & James, Ltd., 119 Coldharbour Lane, London, S.E.5, state that the calcium phosphate content of Ovendosyn Forte is 325 mgm. in each tablet, and not as stated in a trade note recently.

Discount Offer.—A discount of 10 per cent. is being offered by the Chesebrough Manufacturing Co., Ltd., Victoria Road, Willesden, London, N.W.10, on £2 parcels of Pineoleum inhalant. Details of the parcels are given elsewhere in this issue.

Natural Drugs and Chemicals.—An invitation to send export and home inquiries for pharmaceutical chemicals, hormones, vitamins, crude drugs, essential oils, etc., is made elsewhere in this issue by Biddle, Sawyer & Co., Ltd., Empire House, St. Martin's-le-Grand, London, E.C.1.

Throat Tablets from Stock.—Moore Medicinal Products, Ltd., Aberdeen, announce that they are in a position to execute immediately from stock orders for Morovin throat tablets. The product is packed in tins of twenty-five tablets, and display outers holding two doz. tins are available.

Removing Plasters.—A preparation for painlessly removing plaster and plaster marks from the skin is being issued by Rodmill Chemical Co., Ltd., 9 Paddington, Liverpool 7, under the title Removaplast. The product, which is being nationally advertised, is available in display outers.

Package Discontinued.—The large size of Urillac tablets, manufactured by W. B. Cartwright, Ltd., Rawdon, Leeds, is being discontinued—largely, the makers state, owing to shortage of bottles. A new-style packing has been designed, and the product will in future be issued in cartons of twelve and twenty-five tablets. Display boxes are available.

Ovaltine Research Report.—The annual report of the Ovaltine Research Laboratories for 1943, recently issued, gives brief accounts of results of researches during the year upon adsorption methods, carotene and vitamin P from rose-hips, vitamin C estimations and losses, food value of malt extract, and vitamin B₁ estimations.

Transport Delays.—Rona Laboratories, Ltd., 159 Finchley Road, London, N.3, state that there is no shortage of supplies of Argotone nasal and eye drops, or of Deltamin tablets, and that any delays in deliveries at present being experienced are due to overburdened transport. Buyers are requested to take this into account when ordering.

Public Asked to Return Empties.—To support the efforts of chemists to keep up the flow of Ribena empty bottles, H. W. Carter, & Co., Ltd., The Old Refinery, Bristol, 2, are using the public Press for suitable announcements. Chemists are authorised to pay out one penny per bottle, the cost to be borne by the company when the bottles are returned through the usual channels.

Sulphaguanidine Packs.—Tablets of sulphaguanidine are now being supplied by Ward, Blenkinsop & Co., Ltd., Brooklands, Halewood, Liverpool, in three standard-size bottles and two standard tins. For further information on this and other products of the company application should be made either to the manufacturers or to the London stockists, Curtis & Co., Ltd., 79 Baker Street, London, W.1.

New Liver Extract.—Examen liver extract (new-potency) is being presented by Glaxo Laboratories, Ltd., Greenford, Middlesex, in 1-c.c. ampoules, in place of the former product, which was in 2-c.c. ampoules. The anti-anæmic factor of liver, in the highest degree of concentration yet achieved, is thus available in half the bulk, yet without increase in price. The use of the new-potency extract is stated to produce erythrocyte and reticulocyte responses which satisfy the most exacting criteria.

Business Changes

COWZER'S PHARMACIES, LTD., have opened a branch at 86 Agnes Street, Belfast.

HERTS PHARMACEUTICALS, LTD., Welwyn Garden City, are opening on October 30 a Scottish dépôt at 5a Royal Exchange Square, Glasgow.

PERSONALITIES

MR. F. A. NOBLE, this year's chairman of the Western (London) Pharmacists' Association, was educated at the Haberdashers' School, and served his apprenticeship with Peter Davidson, High Road, Bromley, London, N.W.6. He qualified in 1925 from the London College of Pharmacy, and was on the staff of John Bell & Croyden, Wigmore Street, London, W.1, for two years before purchasing the business of P.

Davidson, which he still carries on. In 1938 he bought the homoeopathic business of Leath & Ross, and on the formation of the business into a limited company he became its managing director. He has been assistant secretary and also social secretary of the Western Pharmacists' Association, and a member of its shooting team for many years; at present he is the holder of both the Keall and Bonar cups for shooting. He joined the Local Defence Volunteers when they were formed and is now a sergeant in the Home Guard.

MR. J. E. FRENCH, M.P.S., has been unanimously elected vice-chairman of the Kent Insurance Committee.

MR. G. W. BLOUNT, M.P.S., 4 Fenham Road, Newcastle-on-Tyne, who commenced business at the age of twenty-one, has celebrated his jubilee as a practising chemist.

MR. J. A. JOHNSTONE, M.P.S., 17 Mary Street, Wallingford, Berks, has been selected Mayor of Wallingford for the fourth year in succession. During the 640 years' history of the borough only one other mayor has held office for four consecutive years.

MR. ANGUS CARNegie (Carnegie Chemicals (Welwyn), Ltd., Welwyn Garden City, Herts) is at present on his way to the United States and Canada in connexion with the company's post-war development.

LIEUTENANT GEOFFREY MORSON, Royal West Kent Regiment, only son of Mr. Leslie J. Morson (Thos. Morson & Son, Ltd., London), has been awarded the Military Cross for gallantry in Normandy. Lieu-

tenant Morson was wounded but is understood to be recovering in this country.

SIR CHARLES BRUCE-GARDNER has been appointed to the Board of Trade as chief executive for industrial reconversion. He has been for two years a member of the Council of the Ministry of Aircraft Production, Controller of Labour Allocation and Supply in the Ministry and chairman of the Production Efficiency Board.

MAJOR DENNIS VULT FRANCIS, 8th Canadian "Recce" Regiment, a nephew of Mr. Alan Francis, M.P.S., 70 Darby Crescent, Sunbury-on-Thames, was the first Canadian to enter Dieppe when it capitulated on September 1. By coincidence, the first civilian he encountered was a French girl who had dressed his wounds during the raid on Dieppe two years earlier, when he was seriously wounded.

MISS MARY C. L. GREAVES, a sister of Mr. C. S. Greaves, M.P.S., and of Miss Dorothy Greaves, directors of A. Greaves & Sons, Ltd., chemists, Chesterfield, received the award of the Order of the British Empire at an investiture at Buckingham Palace on October 17. Miss Greaves is an official at the Board of Education and received her award for work in connexion with the organisation of nursery schools.

MR. BRIAN REILLY (Reilly & Co., Nice), who was last mentioned in these columns in May (C. & D., May 6, p. 480) as being "in excellent health," was unfortunately, after living for a long time in relative freedom, rounded up about six months ago and interned in the British Civil Internees' Camp at St. Denis, near Paris. He is now, however, liberated, and at the time this information was sent (September 9) was awaiting the resumption of rail communications in order to rejoin his family in Haute-Savoie. Mr. Reilly states that he did not suffer in any way during internment, but that the German rations were totally inadequate. Thanks, however, to the "marvellous Red Cross parcels" from Britain, Canada and New Zealand, he and the other internees were better fed than they were while free. For four years, living in France, even in comparative freedom, has been like living in a vast camp, entirely cut off from news of the outside world, and he is "thirsting for real news," particularly of Britain where, he suspects, "vast changes must have taken place."



DEATHS

BLOCH.—On October 19, Mr. Olaf Frederick Bloch, F.R.I.C., F.R.P.S., aged seventy-two. Mr. Bloch joined the staff of Ilford, Ltd., in 1910, and was appointed chief chemist to the company in 1930. He played a leading part in the affairs of the Royal Photographic Society, of which he was appointed president in 1931, and will be especially remembered for his improvements in photography by infra-red light and for his contributions in the production of special photographic materials for scientific applications (e.g. plates for recording atomic particles, etc.). For his work in this connexion he was given an honorary LL.D. degree at Aberdeen University, and was awarded the progress medal of the Royal Photographic Society. He retired from Ilford, Ltd., in 1939.

CARVER.—On October 14, Mr. Ernest Wing Carver, 29 Veronica Road, Tooting, London, S.W.17, aged seventy-seven. Mr. Carver qualified as a chemist and druggist in 1907.

CROFTS.—On October 15, Mr. Lionel Gordon Crofts, 81 Doveridge Road, Hall Green, Birmingham, aged sixty-eight. Mr. Crofts qualified in 1898 and later joined Parke, Davis & Co. as a representative. He remained with the company for forty-one years, and was well known to pharmacists and doctors in the Birmingham area. Although due for retirement in 1941, he voluntarily continued his duties, in spite of indifferent health, until 1942, in order to ease the burden on his colleagues, whose work had enormously increased owing to the absence of so many representatives of the company on war service.

MCEWEN.—At Larne, on October 9, Reverend Joseph McEwen, father of Mr. R. A. McEwen, M.P.S.N.I., 170 Cliftonville Road, Belfast.

RAYNER.—On October 10, Mr. John Rayner, Northcroft, Ruislip, Middlesex, aged seventy-five. Mr. Rayner qualified as a chemist and druggist in 1890.

ROWLETTE.—In Dublin, on October 16, Mr. Robert James Rowlette, M.D. (King's Professor of Materia Medica and Pharmacy at Trinity College, Dublin), aged seventy-one.

VAUSE.—On October 14, Mr. Henry Walker Vause, M.P.S. (Durham County Chemists, Ltd., Front Street, New Herrington, Philadelphia, co. Durham), 132 Banks Buildings, Pont Street, New Herrington, aged fifty-six.

WILLS

MR. CHARLES EWART LEVSLEY, M.P.S., 22 Somerleyton Avenue and 65a Glackwell Street, Kidderminster, left £1,115.

MR. FRANK CROSSLING, M.P.S., 149 Duthie Terrace, Aberdeen, left personal estate in Great Britain valued at £2,664.

MR. GEORGE BERTRAM, chemical merchant, 22 Boxwell Road, Berkhamsted Herts, left £12,644, with net personality nil.

MR. FREDERICK FORSTER GRAHAM, M.P.S., 75 High Lane, Burslem, Stoke-on-Trent, left £4,291, with net personality £2,551.

MR. AUSTIN EDWARDS, The Brook, Warwick, a director of British Photographic Industries, Ltd., left £68,236, with net personality £64,678.

DR. JAMES ARGYLL CAMPBELL, M.D., D.Sc. (National Institute for Medical Research), left personal estate in Great Britain valued at £6,243.

COMING EVENTS

Sunday, October 29

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Romily, Disley and Kettleshulme. Meet London Road Station, 9.30 a.m. Book New Mills return.

ASSOCIATION OF AUSTRIAN ENGINEERS, CHEMISTS AND SCIENTIFIC WORKERS IN GREAT BRITAIN. Austrian Centre, 69 Eton Avenue, London, N.W. 3, at 11.30 a.m. Dr. F. Bergel, Ph.D. (director of research, Roche Products, Ltd.), on "Life-saving and Life-preserving Plant Products." (Joint lecture with Association of Austrian Doctors.)

Tuesday, October 31

EIRE PHARMACY STUDENTS' REPRESENTATIVE COUNCIL, 67 Lower Mount Street, Dublin, at 8 p.m. First annual meeting.

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Grange Road Methodist Schoolroom, Birkenhead, at 7.30 p.m. Meeting.

NEWCASTLE BRANCH, PHARMACEUTICAL SOCIETY, Crown Hotel, Clayton Street, Newcastle-on-Tyne, at 7.15 p.m. Ministry of Information films: "Scabies," "Defeat of Diphtheria," and "Life Begins Again."

Thursday, November 2

WESTERN PHARMACISTS' ASSOCIATION AND NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. H. Davis, Ph.D., B.Sc., A.R.I.C., Ph.C. (chief pharmacist, University College Hospital), on "Penicillin," preceded by a cine film.

PHARMACEUTICAL SOCIETY OF IRELAND

Annual Meeting (concluded)

CONCLUDING his statement on the position of the Benevolent Fund (*C. & D.*, October 21, p. 439) MR. P. C. CAHILL (treasurer of the Society) said that members were most grateful to the members of the dance committee for the tremendous efforts they had made on the fund's behalf. The cheque they gave each year was put to good use and, without it, it would not be possible to grant all the applications received. "I understand the annual dance takes place on December 12 next, and this would give all an opportunity of showing their practical appreciation of the committee's work."

MR. C. COLLIS, moving the adoption of the Benevolent Fund report, thanked the president and members of the Council for the help they had given him as chairman of the dance committee during the year, and looked forward to the same help being given this year to the new chairman (Mr. Tim Gleeson).

Society's Gold Medal

THE PRESIDENT then made the presentation of the Society's gold medal to William Joseph Dalton, Banagher, Offaly. Prior to the presentation Dr. J. Dalton (father of the gold medallist) was introduced to the president and the meeting. Making the presentation, THE PRESIDENT congratulated Mr. Dalton on being the outstanding

that he never had any notion of winning the award did not detract from his pleasure in receiving it. He would like to express his best thanks to his lecturers and instructors for the help given him to elucidate some of the mysteries of the B.P. and other stumbling-blocks in the way of students. He would like also to thank those responsible for giving him the benefit of a sound training, particularly in methods of accuracy, neatness and speed, which he hoped he would always retain. So far as poison law was concerned, any student who attended the lectures and paid attention to the teacher could not possibly fail. He wished also to pay tribute to his examiners, from whom he received the utmost courtesy, patience and kindness.

On the motion of MR. STOREY, seconded by MR. O'NEILL, a vote of thanks was passed to the past members of the Council for their work.

MR. NUGENT drew attention to a circular issued by the medical profession on the question of providing a national service, and urged that something should be done about it. He believed that the poor-law system was dead, and that they would have an insurance scheme in Eire. The scheme put forward by the medical profession would affect them very much, and something should be done.—THE PRESIDENT said the matter had been raised at a recent Council meeting, and a committee was being appointed to go into the matter.

A vote of thanks to the registrar (Mr. J. J. Kerr) was passed on the motion of MR. COLLIS, seconded by MR. M. RYAN.



EIRE GOLD MEDALLIST.—The president of the Pharmaceutical Society of Ireland (Mr. C. J. Cremen) presenting the Society's gold medal to Mr. William Joseph Dalton in Dublin recently. Left to right, Mr. Dalton, Dr. J. Dalton (father of the recipient), Mr. J. K. Whelehan (vice-president) and the president.

student of the year. It was particularly gratifying, he said, that his father was a member of the Society. History had repeated itself, as the gold medal the previous year had also gone to the son of a member. It was gratifying to see the sons of members reach such distinction in the finals. He sincerely hoped Mr. Dalton would have a successful future.

MR. DALTON expressed his deep gratitude at the great honour bestowed on him. The fact

Irish Chemist's Golf.—The Irish Chemists' Golfing Society held its final outing of the season at Elm Park Golf Club, co. Dublin, on October 11, when competitions were held for prizes presented by Kodak, Ltd., Scott & Turner, Ltd., and Northam Warren (I.F.S.), Ltd. In the first game (an eighteen-holes strokes competition) the winner was Mr. T. J. Lynch (5), 75; the second prize going to Mr. Peter Kelly (20), 75. In an eighteen-holes bogey competition the winners were Mr. F. J. Roche (6), 5 down, and Mr. S. J. Savage (4), 6 down. Mr. S. J. Savage (captain) presided at a dinner held later, at which the attendance included Mr. C. J. Cremen (president, Pharmaceutical Society of Ireland), Mr. J. J. Stafford (manager, Kodak, Ltd.), Messrs. Crookes and Dolman (Kodak, Ltd.), and Mr. B. Hayden (captain of Elm Park Golf Club). Mr. Savage complimented the winners, and thanked the members for a splendid turn-out for the final outing. Thanks to the donors of prizes was carried on the motion of Mr. T. J. Lynch, seconded by Mr. Peter Kelly, Mr. Stafford replying. Thanks to the Elm Park Club was voted by Mr. Roche, seconded by Mr. Fullam.

PHARMACEUTICAL SOCIETY OF IRELAND

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on October 10, Mr. C. J. Cremen (president) in the chair. Other members of the Council present were Messrs. J. K. Whelehan, P. C. Cahill, J. Gleeson, F. X. Meagher, M. Costelloe, G. C. O'Neill, J. A. O'Rourke, P. J. Fullam, P. A. Brady, T. C. Scott and Sir T. Robinson, Messrs. N. A. McKane, P. Brooke-Kelly, M. Power, T. B. O'Sullivan, W. C. Cunningham, H. P. Corrigan and J. P. Kissane.

New Members

THE PRESIDENT, welcoming newly elected members of the Council, said it would be impertinent on his part to make suggestions to their distinguished new colleagues, but he might be permitted to warn them on one particular subject, and that was upon a feeling of frustration which some felt when they came there first. When introduced, they did not realise how hidebound the Society was, and what amount of regulations they had to contend with. The Society was definitely a statutory body, and therefore progress was very often slow. Matters had frequently to pass through committee before coming to the Council, and if they were of a serious nature had often to go to the Department of Justice. All that took considerable time, and frequently, as a consequence, their efforts might seem lost. It was often by seeing the other man's point of view, and by co-operation, that they had the best chance of accomplishing what they wanted. What was wanted was constructive criticism not only in the Council chamber, but also from members throughout the country. With six new members, or almost one-third of the entire body, coming on the Council, he hoped they were entering upon a new day in Irish pharmacy.

President Re-elected

The first business on the agenda was the election of officers for 1944-45. Proposing the re-election of Mr. Cremen as President, Mr. WHELEHAN (vice-president) said he had known Mr. Cremen for eleven years on the Council, and for one year as president. He thought all would agree that Mr. Cremen's diligence and decorum on all occasions, and certainly his amiability and accessibility, were due less to his personal charm than to his sincerity and anxiety to discharge the duties of his high office in a fitting way. He thought that the Council was right in asking him to accept a further year in the chair, and he knew Mr. Cremen would give that year with the same unselfish devotion he had hitherto shown.

SIR T. ROBINSON said he regarded it as a great privilege to second the resolution. With the exception of Mr. Brooke-Kelly he had been probably longer a member of the Council than anyone else present. The passing of the motion would redound to their credit, and show that they as a Council appreciated an able and

competent president to preside over their work. Before his promotion to the chair, Mr. Cremen had been rather a quiet, but a thinking, member. As he went along they began to find out what a treasure they had in him, and when they had the good fortune to have him in the chair they knew they had been right all the time. As president Mr. Cremen had held the balance evenly between all sections, while giving the greatest consideration to everybody. Ninety-nine times out of a hundred the Council had come to a right decision under his chairmanship. The registrar (Mr. J. J. Kerr) put the motion to the meeting and it was passed unanimously with acclamation.

Returning thanks for his re-election, THE PRESIDENT said nobody felt the honour they had bestowed on him more than he did. All he could do was to thank members for the confidence they had placed in him, and promise them sincerely to do his duty as he saw it during the coming year.

Tribute to Vice-president

Moving the re-election of Mr. Whelehan as Vice-president, THE PRESIDENT said that, as a country representative, Mr. Whelehan had "the eyes of a hawk" in connexion with anything affecting the interests of pharmacy. During the past year he had depended much on Mr. Whelehan, and the latter's advice and great sense of the dignity of pharmacy had impressed him very much. As the son of a chemist, one could expect nothing else from Mr. Whelehan, and he felt sure that during the next year he would be a credit to the Society as he had been in his previous term. MR. MCKANE, seconding, said he had known Mr. Whelehan as a sincere and loyal friend, but, more important, as a sincere and loyal friend to pharmacy. He felt glad to support Mr. Whelehan's re-election if for nothing else than the action he had taken recently in connexion with the restrictions placed on the sale of certain veterinary lines. The motion was passed unanimously.

MR. WHELEHAN, replying, said that during the coming year he would try to render to pharmacy the things that belonged to pharmacy. Under Mr. Cremen he had had an easy year.

"A Most Efficient Treasurer"

MR. SCOTT, proposing the re-election of Mr. Cahill as Treasurer, said that during the past year he had proved a most efficient treasurer. MR. MEAGHER, seconding, said few people had carried the office with more dignity, kindness and courtesy than Mr. Cahill. The motion was passed unanimously.

MR. CAHILL thanked the Council for his re-election, and proposed that Messrs. J. J. Griffin & Co. should be re-elected Auditors. MR. CUNNINGHAM seconded. MR. MEAGHER said before the motion was put he would like to register a certain amount of regret that the Council, which ought to be ever-jealous of professional qualification, should, in the interests

of expediency, find it necessary to appoint as auditors a firm the chief partner of which was neither an Incorporated nor a Chartered accountant. Until recently there might have been something to recommend such an appointment in that Mr. Davis, who was then a member of the firm, had two pharmacist brothers, but that position did not exist today. In his opinion, the services of an Incorporated accountant could still have been retained, while allowing the firm to act as income-tax consultants. By doing that they would not have left themselves open to the charge that they had put out the qualified person.—MR. CAHILL said he was not conversant with the causes which led a former Council to change its auditors. The matter had been under discussion, and he felt that it was not wise in the present state of affairs to make a change.—MR. MEAGHER said he was satisfied to leave the matter in abeyance, but did not think this should go on without some protest being registered in the matter. The motion re-electing the auditors was then passed.

Committees

The following were elected members of committees: *House, Law, and Schools*: Messrs. Brady, Corrigan, Costelloe, Cunningham, Fullam, Gleeson, McGrath, Meagher, O'Neill, O'Rourke, O'Sullivan, Scott and Robinson. *Certificates and Declarations*: Messrs. Corrigan, Gleeson, O'Sullivan, Robinson and Scott. *Education*: Messrs. Gleeson and Meagher. *Consultative*: Messrs. Gleeson, McGrath and Meagher. The honorary officers are *ex-officio* members of all the committees.

The Ministry of Justice wrote approving a change in the regulations giving the Council power to fix the time at which the annual meeting should be held.

Mr. W. Hanley (secretary, Limerick Chemists' Association) wrote: "At a recent meeting of the Limerick and District Retail Chemists' Association, a resolution was unanimously passed that resentment was justified in the matter of certain pharmaceutical firms' products being distributed to veterinarians only, and pledging full support in any action which the special committee chosen to deal with the situation might deem necessary."

Registration

The following who submitted Matriculation certificates were granted Preliminary registration: Misses M. M. Burke, A. A. McDonnell, H. C. O'Leary, L. M. Barber, E. T. Coggan, M. P. Dooley, C. P. Hannon, M. B. Kivlehan, M. P. Leader, J. M. Malone, N. C. McNally, M. B. Nolan, A. O'Connor, L. M. Sheridan, U. Swanton, S. M. Walsh; Messrs. S. B. Butler, C. Curtis, N. Kinirons, J. J. Malone, P. Mullany, V. P. McNamee, J. P. O'Connor, R. C. O'Higgins, D. M. R. O'Leary, J. A. Tierney and C. P. Treacy.

The reports of the House, Law, Schools, Certificates and Declarations committees were submitted and approved. The report of the last-named committee stated that twenty-four candidates had entered for the Licence examina-

tion. THE REGISTRAR reported on the death of D. H. O'Sullivan, M.P.S.I. The following changes of address were notified: Mr. Edmund Buckley, M.P.S.I., to 37 Upper Castle Street, Tralee, co. Kerry; Mr. M. J. Harty, M.P.S.I., to 21 Pearse Street, Nenagh, co. Tipperary; Mr. P. J. Leahy, M.P.S.I., to 60 Upper Dorset Street, Dublin; Mr. J. J. Wilson, M.P.S.I., to 17 Westbourne Place, Cobh; Mr. J. J. Cooney, L.P.S.I., to 35 8th Street, Passaic, New Jersey; Mr. I. R. Mackey, L.P.S.I., to 72 Knockbreda Road, Belfast; Mr. J. J. Costello, to 12 Lower Camden Street, Dublin; Mr. J. Greaney, R.D., to 27 Mitchell Street, Clonmel, co. Tipperary; Mr. W. V. Walsh, to Market Street, Mountmellick, Leix.

Membership

Professor J. Bayley-Butler was re-elected an examiner in botany and *materia medica* to the Licence examination for the year ending September 30, 1945. The following were elected members of the Society: Messrs. M. J. Flynn, P. Stack, G. B. McCauley, J. Hegarty, and D. J. Duane, and Miss R. Marquess. The following were nominated for membership of the Society: Messrs. T. C. Cassidy, Convent Road, Claremorris, co. Mayo; L. P. Pelly, 26 Fassaugh Avenue, Cabra, Dublin; and J. J. Tierney, 69 Upper Dorset Street, Dublin. The Licence certificates of the following were signed and sealed: Alphonsus Corless, Michael Kennedy, James Edward McCormack, Gerard Carthage Morrison, Edmund Power and John Joseph Tierney. A meeting of the Benevolent Fund Committee was held following the Council meeting.

Novel Whist Drive at Belfast.—Under the auspices of the Ulster Chemists' Association, a war-time pharmacy whist drive (the first of a series of functions intended to be held) took place in Belfast on October 11. It was carried out on novel lines, with bonuses and penalties in some rounds. The players were delighted with the originality shown by the organisers. The president (Mr. H. P. Crossin) welcomed the guests, Mr. James McClenahan (secretary) acted as M.C., and Messrs. A. E. Johnston (vice-president), H. W. Gamble (chairman, Associate Section), W. H. Boyd (vice-chairman, Associate Section), J. R. Guiler (treasurer of the Section), Joseph Wellwood, M. Hodes and J. Anderson (members of the executive committee) acted as stewards. Prizes (Savings certificates) were won by the following: *Ladies*, 1, Mrs. Crowe; 2, Mrs. J. R. Guiler; *booby*, Miss E. W. Douglas. *Gentlemen*, 1, Mr. A. F. Wilson, 2, G. Naylor; *booby*, Mr. J. J. Crawford. Mrs. A. E. Johnston (wife of the vice-president) presented the prizes. Supper followed. The proceeds are for the Northern Ireland Chemists' Benevolent Fund.

EIRE SOCIAL INSURANCE PLAN

THE outlines of a plan of national health and social insurance for Eire, analogous in some respects to the Beveridge scheme in Britain, were given by the Most Rev. Dr. Dignan (chairman, National Health Insurance Society and Bishop of Clonfert) in Dublin recently. Under the proposed scheme, the main part of which is likely to receive legislative enactment, the entire medical, nursing, dental, and pharmaceutical services of Eire now administered under the poor law system will be entirely reorganised, and administered as part of a national plan. All hospital services will be taken over and regional hospitals established in each county.

Hospital Pharmacies

Each hospital under the plan will have a pharmacy, and the existing poor law dispensaries are to be abolished. It is estimated that 90 per cent. of the population of Eire, or 2,600,000 people, will come under the scheme, and they will receive, in addition to sickness, disability, marriage, maternity, mortality, and retirement benefits under the scheme, extensive medical, dental, ophthalmic, nursing, and pharmaceutical services. The Bishop, in his outline, said "Pharmaceutical services are to be provided for, and exorbitant charges for medicines are to be prevented."

MR. C. J. CREMEN (president, Pharmaceutical Society of Ireland), commenting on the scheme to an editorial representative of *THE CHEMIST AND DRUGGIST*, said: "My first reaction to the scheme is that it is something definitely progressive. Irish pharmacists, I am sure, will gladly co-operate in making it a success from their angle, provided always that the professional status and interests of the chemist generally are safeguarded."

"Unfair to Chemists"

MR. LYALL G. SMITH (president, Irish Drug Association) said the reference to "exorbitant charges for medicines" was inaccurate and unfair to Irish chemists. Since the war began there had been an increase in the charge for prescriptions, but the increase had been necessitated by increases in the prices of drugs and of overheads, and had not been in any way exorbitant. No increase in charges for prescriptions had been made for a considerable number of years until the present war made it necessary. It was to be regretted that statements of this kind, which could

not be substantiated, should be made in the public Press.

DR. M. O'DONNELL (chairman, Irish Compounders and Dispensers' Association) said he had anticipated the introduction of a scheme, such as that outlined, for the past three or four years. In the abolition of the poor law dispensaries provision should be made to compensate pharmacists serving there by giving them adequate pensions, or, if they were transferred to pharmacies to be established in hospitals, by giving them increased remuneration for the longer and more arduous hours of duty the change would involve.

EIRE SPORT

Students' Camogie.—At a meeting held recently in Dublin, the Pharmaceutical Chemists' and Students' Camogie Club elected the following officers: *Chairman*, Miss Noreen Roche; *Vice-chairman*, Miss Cora Gaffney; *Secretary*, Miss Anna Dorrian; *Team Secretary and Treasurer*, Miss Frances Quinn, L.P.S.I. *Captain*, Miss A. Dorrian; *Vice-captain*, Miss C. Moore; *Committee*, the officers, with Misses B. Keane and M. O'Sullivan. The Club succeeded in reaching the final of the Camogie League last year and appeals for still more members and support from lady chemists and assistants. Applications for membership should be addressed to Miss F. Quinn, c/o W. D. Porter, Ph.C., 363 N. C. Road, Phibsboro, Dublin.

Gaelic Football.—The Pharmaceutical Chemists' and Students' Gaelic Football team has entered the Intermediate (Dublin) League, which starts play in November. The chemists' team take the field in black and amber jerseys, and will be captained by Mr. Tommie Banks (a Dublin, All-Ireland, and Railway Cup player). The team will have the support of Mr. S. O'Riordan (a Carlow inter-county player), Mr. John McLoughlin (this year's Mayo full-back), and another senior inter-county player (Mr. Brian O'Donnell, Donegal). The team, which is now well organised, and has already played several matches, includes several All-Ireland college players and some who have played in inter-county minor and junior games. All in pharmacy and the drug trade interested in Gaelic games are invited to support the new team by attending matches, or, if they wish to join, to communicate with Mr. Seamus Fox, c/o Roches' Chemists, 61 Upper O'Connell Street, Dublin.

A.B.C.M. ANNUAL MEETING

THE twenty-eighth annual general meeting of members of the Association of British Chemical Manufacturers was held in London on October 12. Dr. P. C. C. Isherwood, O.B.E. (chairman), in the course of his address, said:—

It is my sad duty to refer to the great loss we have sustained by the death of Dr. Pyman, who served as chairman of Group B from 1932 to 1934 and as chairman of the

medicinal chemicals sub-group until his decease. We meet this year under conditions more promising than at any previous annual general meeting since 1938, and I think that the chemical industry can claim that it has played an important part in making possible the successes our Fighting Forces have achieved. When one looks back on

the position of our industry in 1914 as compared with 1939, it is manifest that the progress made between the two wars has been very great. It may be interesting to mention some of the more important factors which brought about this result, and I think that the existence of the A.B.C.M. was by no means the least of them. The Association has provided a common forum for all engaged in chemical manufacture. The psychological effect has been great, particularly by bringing together for frank and free discussion the leaders of the industry, not only in their own particular branches, but also in those of other spheres of chemical activity.

Post-war Developments

So far I have referred to the past, but I venture to forecast an infinitely more important rôle for the Association in the future. Few who are in a position correctly to assess the trend of political thought will doubt the advisability, nay the necessity, of broadening and deepening the functions of the Association. For example, one matter which is intimately connected with this question is that of co-operation of British chemical manufacturers with chemical interests and organisations overseas. Arising out of the matters described in the report, the Council is considering the

desirability of forming Empire sections of the Association and establishing branch offices in the Dominions. The Council is satisfied that the Association can play an important part in overseas chemical industry by contributing from its experience useful guidance in a co-operative spirit, and is endeavouring to find the most effective means of implementing this view. With enlarged functions and services we may find it desirable to alter our ideas with regard to the provision of Association finance, but I think any increased subscriptions will be amply justified by results.

Interest in Educational Facilities

The post-war years will be a trying time for the chemical industry. Other countries have not been idle, and we must see to it that, upon the foundations already so well and truly laid, an efficient, progressive and scientific, up-to-date edifice is built. Among the main conditions prerequisite to the attainment of this, I place in a very high category the quality of the personnel which the industry must attract. This means that we should work in the closest possible touch with universities, technical colleges and secondary schools, and as I see it, industry must take a far closer interest in the education and training of its potential recruits than it has done in the past.

Co-operation Within the Industry

Another direction in which I think we should proceed is to prevent, so far as possible, wasteful overlapping in manufacture between individual firms. This can, of course, be accomplished by mergers, but I am one who believes that there is still room for the comparatively small unit provided always that it develops in an efficient and logical direction, paying due regard to what other similar concerns are doing. The A.B.C.M. provides a means for such an exchange of information, and I trust that this will be used to a far greater extent than has been the case in the past. The scheme which the Association operates is quite a simple one, it is absolutely confidential and, while giving freedom of action, it does prevent wasteful overlapping of effort and provide an opportunity for co-operative development.

Demand for Trade Statistics

Your Council has expressed the view, which I am sure is endorsed by all members,



Dr. P. C. C. Isherwood

that if industry is to play the part expected of it by the Government, it must be provided with all the necessary statistical data that for the most part must come from official sources. Thus, import and export statistics should be provided by the Government, and above all, must be available promptly and in all necessary detail. These overseas trade data should not be spoilt by the practice of suppressions, even though, of course, there may be occasions when it would suit an importer or exporter if data relating to a particular consignment were suppressed. I am glad, however, that the members of the Association have concluded that on balance, if there is complete disclosure, more will be gained than lost.

Inquiry into Hydrocarbon Oils Duties

On the subject of hydrocarbon oil duties, you will have noted that a Government Committee has been set up, and you will find the real beginnings of the inquiry which this Committee is to undertake in the report. The Association is at present in touch with its members consuming hydrocarbon oils the prices of which, by reason of the import duty on imported oils, or the repercussive effect of such duty on the price of home-produced oils, makes them, to that extent, higher than world prices. A statement on behalf of consumer members is being prepared for submission to the Committee. These hydrocarbon oils, whether from coal, oil or wood, are basic raw materials for the organic chemical industry. In my view, the cracking of crude oil in this country should be undertaken, mainly because I believe we are only on the threshold of discovery of what chemical products can be synthesised from petroleum sources. Unless this industry is located here, research and development, based on these materials, will not be undertaken. I do not consider that petroleum oil products are necessarily competitive with those from coal, but rather are complementary. Broadly speaking, we should endeavour to import materials as low down the scale as possible and convert them to the highest degree of manufacture.

Call for Export Policy

The chemical industry is particularly interested in export trade, not only directly, but also in indirect exports, since chemicals enter into practically every class of goods from cosmetics to automobiles. I therefore make no apology for urging the Government to translate pronouncements of

academic idealism into concrete proposals of policy. Further, we need at the earliest possible date an overhaul of our present controlled export licensing system, subject, of course, only to limitations due to war, but even in this connexion we should guard against the war effort being made an excuse for mental apathy and unnecessary procrastination. Capture or recapture of foreign markets takes much time, and in my view the end of the European war may well be too late if we are not to be handicapped as compared with other more fortunately placed countries.

I cannot close these remarks without placing on record my sincere appreciation, during the past year, of the work of the Association's staff as a whole. I would like to make a special reference to our two assistant general managers, who, particularly in these difficult times, are indefatigable.

The Governing Body

The constitution of the Council for the year will be as follows:—

President: Dr. E. V. Evans, O.B.E. *Vice-presidents:* Dr. E. F. Armstrong, F.R.S., Dr. F. H. Carr, C.B.E., Mr. R. Duncalfe, Mr. C. A. Hill, B.Sc., Mr. C. F. Merriam, Sir David Milne-Watson, Mr. R. G. Perry, C.B.E., Mr. E. Wallace. *Chairman:* Dr. P. C. C. Isherwood, O.B.E. *Vice-chairman:* Mr. L. P. O'Brien. *Honorary Treasurer:* Mr. C. E. Carey. *Council:* Mr. F. W. Bain, M.C., Mr. T. R. G. Bennett, Dr. A. E. Everest, Mr. C. G. Hayman, Mr. G. E. Howard, Mr. W. M. Inman, Mr. H. Jephcott, Mr. W. F. Lutgens, Mr. J. H. Olliver, Mr. D. J. W. Orr, Mr. F. M. Roberts, Mr. K. H. Wilson and Mr. H. Yeoman. *Co-opted members:* Mr. A. D. Daysh, Mr. D. Spence, Mr. T. D. Morson and Lord Trent.

ANNUAL REPORT

The following abstracts are taken from the annual report for the year ended May 31, 1944.

Co-operation Overseas

Council and Group B have had under consideration an application by an Indian group of representatives of certain members of the Association for recognition as the Indian branch of the Association. The restriction of membership of the Indian group to firms operating there through sole representatives, as distinct from firms working through agents (as many members of the Association do), made it impossible to accede to the Indian group's request. On the other hand, the high importance of the Indian market to most members of the

Association was not overlooked and the Indian group has been informed of the Association's desire to collaborate with it so far as is possible, bearing in mind the much wider nature of the Association's membership and interest. The consideration of the above particular case has led the Council to consideration of the Association's general relationship with British chemical interests overseas and the questions on the one hand of co-operating with local chemical industries and on the other of establishing adequate local representation to ensure that the interests of exporting members are looked after on the spot. A special subcommittee has been appointed to survey these matters and to make recommendations to Council. The Council has expressed the general view that, as industrialisation will proceed inevitably in many countries abroad, such developments should not be looked on solely from the point of view of competition with this country, but that they would help to create demands for other products not manufactured locally. The Council accordingly considers that in principle it is desirable for this country to co-operate in, and thus influence, developments abroad, the detailed execution of this policy being a matter for individual firms.

Disposal of Surplus Stores

The Association has received satisfactory assurances from the Ministries concerned that the disposal of surplus stores of chemicals will be arranged in accordance with the declaration of policy made by the President of the Board of Trade, that is to say, in consultation with the trade interests concerned. Events subsequent to the end of the year under review have confirmed these assurances in practical manner, but the problem of disposals can only reach major proportions after the armistice, and no disposal schemes for chemicals have become active as yet. At the same time, small surpluses have arisen from time to time and the Association has been able to deal with cases brought to its notice, to the mutual advantage of the manufacturers and the Ministries, which are anxious that all disposals should be effected rationally.

Education in Chemistry

The Association by invitation nominated two representatives of chemical manufacturers to the Chemistry Education Advisory Board convened under the aegis of the Royal Institute of Chemistry to consider all aspects of education in chemistry.

Committee on Oil and Coal

The Association has asked to be allowed to submit evidence to the committee set up by the Chancellor of the Exchequer to inquire into the chemical raw materials obtainable from oil and coal, with special reference to the repressive effects of the hydrocarbon oil duties on products used as chemical raw materials.

Industrial Research

The Council has appointed a subcommittee which is considering the whole question of

research in the chemical industry, with special reference to co-operative research and any further inquiry or steps which seem desirable. The Government has been approached to inquire whether assistance could be given in the case of investigations which had passed the laboratory stage and were awaiting the pilot plant stages, with a view to having everything ready to put such products into production as soon as possible after the armistice. In many cases only limited assistance was needed to complete the work. Arising out of complaints that research associations under the D.S.I.R. were reluctant to undertake work on the applications of chemicals in those industries, or to admit, as members firms such as chemical manufacturers outside a particular industry, the membership conditions of these bodies were scrutinised. It was found that with one exception the membership conditions of all the research associations were wide enough to admit as an ordinary, associated or affiliated member any interested firm which made materials used in the industry for which the research association was working.

Profit Rebates

The Association joined with other bodies in protesting, through the F.B.I., against attempts by Government departments to reopen closed contracts at fixed prices and to demand cash refunds where the total profits of the company were, in the opinion of the department, too high, a practice which had been condemned by the Select Committee on National Expenditure. Objection was similarly made to demands for refunds based on an arbitrary profit standard for the proportion of total sales represented by products which entered only indirectly, to an unknown extent, and at some unspecified stage, into goods ultimately purchased by the Government.

Trade Arrangements with Enemy Firms

The Council has given consideration to the post-war position and policy of members in respect of any pre-war arrangements they may have had with enemy firms, in respect of licences to manufacture, sharing of markets, etc. It has, however, concluded that, while the terms of the individual arrangements will determine the legal obligations (which may be influenced in certain cases by overriding Government legislation), the question of post-war policy in reviving or extending the system of international agreements between manufacturers is at once one which must reflect Government requirements and one on which the Government cannot at present be expected to make a pronouncement.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.



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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The Chemical Industry Reports

In his speech to members at the twenty-eighth annual general meeting of the Association of British Chemical Manufacturers, the chairman (Dr. P. C. C. Isherwood, O.B.E.) referred to the important part played by the chemical industry in making possible the success of British, and we may add Allied, fighting Forces. For reasons of security, details of the growth in scope, capacity and efficiency in all branches of the British chemical industries during the past five years cannot at present be reviewed. We believe it can be stated, however, that the industry has never failed to meet the country's most urgent calls to undertake vital research and for supplies of new and improved products.

These great results, as the chairman said, have been achieved by "frank and free discussion by the leaders of the industry," by the pooling and exchange of ideas and experience and by combined research. It is to be hoped the lesson of the benefit, both to individual firms concerned and to the nation, of this close co-operation between manufacturers, and mutual aid instead of the policy of closed doors and secrecy of former times, will not be lost sight of when the war is over.

The subject of education and the need to "work in the closest possible touch with universities, technical colleges and secondary schools," were referred to by Dr. Isherwood. The practical method would be the development of a scheme for selected students to take part of their training in chemical works and laboratories and for works chemists to give lectures at the colleges and schools.

Detailed Trade Returns Wanted

It is admitted that the Board of Trade "Trade and Navigation Accounts," issued monthly in pre-war days, were of little or no use as a source of detailed information on imports and exports of many individual products. These monthly trade returns were composed mostly of bulk totals of shipments or arrivals of groups of products. Further, Customs and Excise, when requested to do so, frequently could not provide detailed statistics of specific products, owing to the importers or exporters having declared their entries "not for publication." The Association has considered this matter and has come to the conclusion that, on balance, more will be gained than lost by the complete disclosure of all movements of goods inwards and outwards, and it is suggested that such trade information should in future be detailed and promptly available.

Post-war Trading Policy

The tremendous growth of all branches of the chemical industry in this country has been such that if the majority of plants are to maintain normal output capacity in peace-time and the personnel fully employed, exports of all classes of manufactured goods must be increased very substantially. This vital matter was referred to by the chairman, who called for a declaration of policy by the Government on international trade. Reference was also made to the "mental apathy and unnecessary procrastination" in the issue of export licences at the present time. Since the inception of Lend-Lease there has been an almost complete cessation of ordinary commercial shipments. In certain instances brought to our notice, where eventually an export permit might have been granted, the business has been lost owing to delay in

official quarters. If there is to be the slightest restriction on our exports after the war, and we see no reason why there should be, it is imperative that it should be clearly defined so that manufacturers and shippers will not waste time in securing orders which in due course they find they cannot execute because of the ban on shipment. On the wider issue of our post-war international trade policy, while we believe that most trade barriers between the nations are harmful, the basic rule of our future international trade relations with all countries must be that we can only buy from those countries which are prepared to take goods from us to a similar extent.

A Suggestion Adopted

FOLLOWING the death at Bath in July of this year of a child to whom nitrous oxide had been administered in mistake for oxygen, we drew attention (*C. & D.*, August 5, p. 146) to the difficulties of distinguishing between cylinders of various types of medical gases, and urged that steps should be taken to prevent, so far as humanly possible, any recurrence of such a tragedy.

The matter has been carried a stage further by a question put to the Minister of Health in the House of Commons on October 19 by Mr. G. R. Strauss, M.P., who asked the Minister whether his attention had been drawn to the death of a child as a result of the use of a badly-marked cylinder, and whether he would take steps to see such cylinders were identifiable "by coloured bands in a prominent place" instead of paper labels as at present. The reply of the Minister, Mr. H. U. Willink, was encouraging. He said that the British Standards Institution had appointed a Committee to consider what measures would be adopted to distinguish more readily than at present between the various medical gas cylinders used in connexion with the administration of anaesthetics, for the purpose of avoiding a repetition of such a tragedy. It is understood that the Ministry is represented on this Committee, and we may therefore look forward to early regulations which will act as a safeguard in the future.

Britain's Export Trade

ONE of the most interesting documents yet issued by the Government, and one that has been long awaited by traders in this country, is now available as a 60-page report on "Accounts Relating to the Export Trade of the United Kingdom for the Years 1938, 1942 and 1943" (H.M. Stationery Office, price one shilling net). It will be recalled that at the beginning of the war considerable dislocation was caused to export business, resulting in exceptionally low figures being returned for the first month or two, with some degree of recovery later on. In February 1940, an export drive commenced with a view to increasing supplies of foreign exchange. A considerable rise was noticeable in April and May of that year, but the successive German invasions and the entry of Italy into the war in June resulted in the loss of further markets. In August 1940 the air raids on this country had an adverse effect on the export trade.

A Radical Change

Exports were considerably improved during the first four months of 1941 due to the "Export Drive," but in that year a radical change came over the position. The substitution of Lease-Lend for "cash-and-carry" greatly reduced the need for foreign exchange, and at about the same time shortages of raw materials and increased diversion of man-power began to be reflected in the export figures. The needs of overseas markets had to be closely scrutinised and only those which were proved to be essential could be satisfied. By 1941 export prices had risen by one-third in relation to 1938, and in the first half of 1941 the volume of exports had shrunk to about half the pre-war level. The entry of Japan into the war in December 1941, coupled with the German domination of the Balkans, still further restricted the trading area, so that by the first quarter of 1942, export volume, excluding munitions, was only 40 per cent. the 1938 level. Since July of that year there has been relatively little variation in the value of exports.

On the basis of volume, exports of chemicals, etc., had fallen by 1942 to rather more than two-thirds the pre-war total, but

the proportion rose to four-fifths in 1943, largely as a result of special supplies of benzol to the United States. On the basis of value, however, the returns give chemicals, etc., as £22,060,176 in 1938; £23,754,997 in 1942; and £27,531,109 in 1943, representing one of the few increases in the lists. Although these figures are higher than most others among the exports, it must be borne in mind that "chemicals, drugs, dyes and colours" by their nature include many items suitable for the production of munitions and it may be assumed that large quantities of the products in the group were in fact shipped to the Empire and allied countries for war purposes as distinct from ordinary commercial uses.

Current Use of Old Showcards

A POINT of considerable importance to manufacturers and wholesalers who may still possess and wish to utilise stocks of old showcards and posters was raised in the House of Commons recently by Sir L.

Lyle (Member of Parliament for Bournemouth). In a question to the Minister of Supply (Sir A. Duncan), Sir L. Lyle asked whether firms possessing large stocks of posters and showcards, printed before the Control of Paper (No. 48) Order, 1942, came into operation, and which would still be of use to them subject to slight modification to bring them up to date, could be permitted to use them. The Minister pointed out that the exhibition of such posters was not prohibited, the relevant dates being: Window bills, September 14, 1942; showcards and display cards, May 27, 1940; posters advertising the sale of goods other than newspapers or periodicals, November 12, 1941. On the question of slight modification of these advertising materials in order to bring them up to date, the Minister took the line that while the interpretation of the Order would be a matter for the Courts on any case coming before them, he himself would not be disposed to take exception to a slight modification of a showcard or other poster to bring it up to date.

SURGICAL INSTRUMENT MANUFACTURERS

AT a luncheon of the Federation of Surgical Instrument Manufacturers, held in London on October 18, THE CHAIRMAN (Mr. E. W. Philpott), on behalf of the Federation, said "I have no doubt you will expect me to say a few words touching the future. This, however, is no light matter because when bureaucracy is altogether entrenched as it is at this time it is always a dangerous thing to probe into the future. But we are naturally anxious to see the shape of things to come, and we must risk striking a note which is bound to jar in one or other of the departmental strongholds."

Domestic and Official Problems

Briefly, the problems which confronted the trade, said Mr. Philpott, fell roughly into two categories, domestic and official. Members must accept the fact that the trade never had moved forward sufficiently to enable it to cater for much more than the limited home market. During the war years it had staggered along under a load far too great for its capacity, nobly but inadequately, and it had to be admitted that today it stood unfit in almost every respect but eagerness to enter the wider field of the export market. The Association must

make it its business to amend this state of affairs, must break away from insularity and selfishness which had oppressed the trade and retarded progress in the past, and expand along lines of modern production, and with higher ideals as to the relationship between one section and another. The official aspect of the matter was one of much greater difficulty because of the absence of any indication of the Government's post-war industrial policy. To the lay mind, it seemed as if the country was making every plan for spending money and none at all for obtaining it. What was certain was that if and when the Government decided upon a programme for the rehabilitation of the industry, to be at all progressive it would have to include:—

(a) The provision of facilities for easy and early acquisition of modern premises and equipment.

(b) Bold measures for the abolition of all controls and restrictions which prove in any way to obstruct progress and to interfere with the free development of competitive trading in the export field.

The luncheon was followed by a business meeting, at which plans for post-war export trade were put forward.

WHEN THE LIGHTS GO UP

CHEMISTS have in the past frequently led the field in adopting good lighting, and have vied with each other in providing attractive displays. The war has robbed them almost entirely of opportunities in this direction, and many pharmacists must be wondering what improvements have taken place in illuminating methods during five years of war. Prior to hostilities, there had been a slight development in the use of fluorescent lamps, but this was mainly of an exploratory character. Fluorescent lighting was employed more or less as a novelty, and for decorative effect. Since 1939, however, fluorescent lamps have been exclusively reserved for factories engaged on essential war production. Their success in industry has been great, and the fact that they combine so many happy characteristics largely absent from other lamps makes their widespread use a likely development in the post-war lighting of shops.

Nearer to Daylight

Manufacture of fluorescent lamps has been confined to one standard type in size, colour and wattage. The present fluorescent lamp has a length of 5 ft. with a diameter of $1\frac{1}{2}$ in. Both ends are fitted with standard bayonet cap—a standardisation important under war conditions of manufacture. The makers claim that this fitting forms an entirely new lamp group, because, although it may be compared with the earlier discharge lamps, in other respects it is a complete departure, particularly in performance. The tube is filled with mercury vapour and argon gas. On the inner surface of the glass is deposited a "skin" of chemical powders, which, by means of an electric discharge, are made to produce ultra-violet rays. The rays cause the powder coating to become fluorescent, and the lamp is thus illuminated. The light resulting from this excitation of the powdered inside skin is a white light approximating to daylight. Under it, colours appear in much the same relative values as under natural daylight.

Installation of the fluorescent lamps is relatively simple. No complicated alterations are needed to existing wiring, except that, between each lamp and the electric main, a small control-box has to be interposed. Such work as is necessary comes quite within the capabilities of a qualified electrician. The only model at present in use operates on the standard A.C. mains of 200 to 250 volts. In the few instances

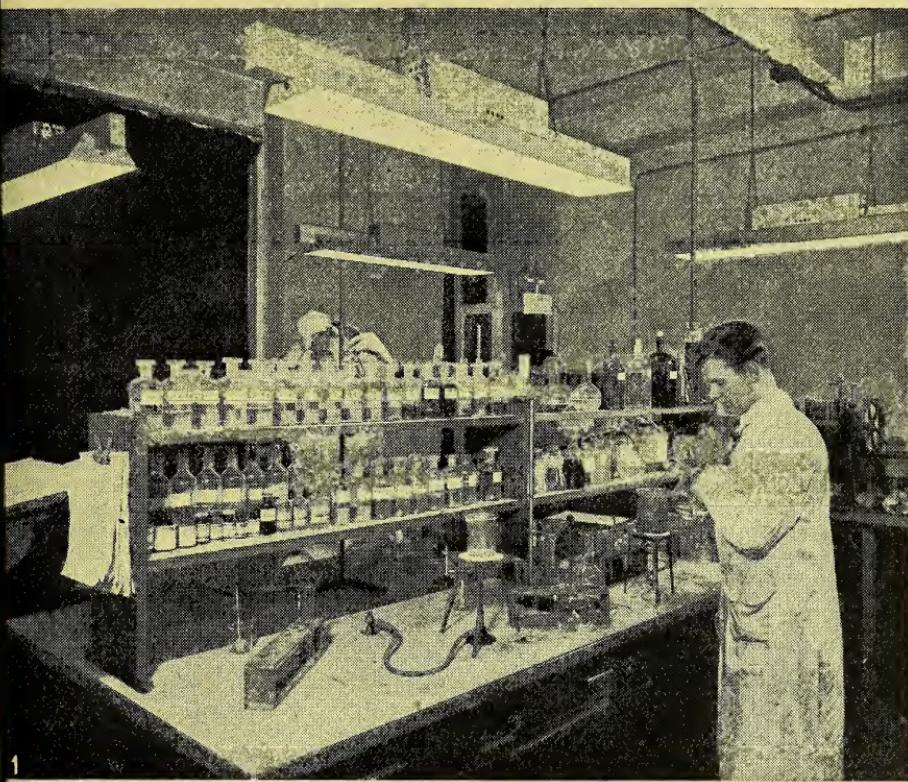
where the lamps were installed before the war, reflectors were seldom employed, and it is still probable that the lamps will continue to serve in this way without screening. On the other hand, their practical use in industry has shown beyond all doubt that, although the lamps are non-glaring, more efficient lighting is obtained by using specially designed reflectors. Industrial undertakings have used trough-type reflectors, and this type of screening may be employed in shop lighting.

Possibilities of Distinctive Use

Where it is desired to achieve distinction, as in the arrangement of a shop, fluorescent lamps offer wide opportunities for intelligent planning. The lamps can be made to form an integral part of the interior design. As an example, recesses let into ceilings or walls (see illustration) provide obvious possibilities. In a report, "Electrical Installations," to the Minister of Works by an expert committee of the Institute of Electrical Engineers, it is stated "We consider that fluorescent lighting will be particularly applicable to department-store lighting, and that changes in past installation practice are therefore probable." The inference can be drawn that, in addition to their special suitability for large stores, a like development may be anticipated in smaller establishments.

Current Consumption

All lighting schemes demand a high intensity and even distribution of light, and the unusual length of the fluorescent lamp goes far to ensure such a distribution, and shadow effects are reduced to a minimum. Although the present lamp has an output of only 80 watts, in lumen value it can be said to equal a 200-watt tungsten-filament lamp. This means increased illumination without increasing current consumption. There is little or no reflection from shiny surfaces—an important consideration where showcases and glass shelving abound. The ordinary high-wattage lamp quickly becomes hot, but in a fluorescent lamp not only is less heat radiated, but it is evenly spread along the entire length of the tube. This characteristic is of considerable value when the lamps must, of necessity, be situated near delicate stock liable to deteriorate if warmed unduly. When manufacturing conditions return to normal, a more extensive range of sizes and wattages may be procurable.



1. Trough-fitted fluorescent lamps for laboratory illumination. 2. Continuous louvred fitting. 3. Glass-covered ceiling recesses (note absence of shadow). Illustrations by courtesy, Lighting Service Bureau, London.



3

CONFERENCE—AND DECISION

by a Correspondent

A VARIETY of meats has been set out on the pharmaceutical sideboard. President, secretary and councillors have elaborated the bill of fare, and it is now for chemists themselves to select the meal of their choice. They must not dally too long over the viands, however, or they may find that governmentally-selected provender has been placed upon their platter, and this they may not find altogether to their liking. Comments are given on some of the items on the menu:—

Centres

It is fairly certain these will be tried, according to the White Paper, but what kind of dispensing, and how much of it, is going to be done there? If the dispensing at the centre is merely going to duplicate the work of the shop, then the course is set for a State dispensing service with pharmacists employed as civil servants. It will only be a matter of time before this is accomplished. Is that what pharmacists want for the future? If not, then there must be a guarantee in the contract that the Government will not use chemists' shops as medical distributing centres merely until State centres can get into working order. Let the work of any pharmacists at the centre be specialists' work, supplementing the work of the general pharmaceutical practitioner in the shop.

Shops

If chemists claim the right to carry on all national dispensing in existing pharmacies, there must be a thorough overhaul of methods and equipment to justify the claim and to bring all shops up to an accepted standard of efficiency. The dispensing department must be a dispensary, and not just a corner of the shop. Adequate apparatus must be provided to undertake the compounding of all ordinary medicaments. There will be more official inspection and control, and the dispensary should be fit at all times to receive visitors, having the appearance of a front-line dépôt working in the cause of health and cleanliness, and conveying that atmosphere of professional efficiency that will give confidence to patient and practitioner alike.

Service

It would be well worth while for chemists to give the undertaking that none but pharmacists should compound national

prescriptions. Nothing less than that should be good enough. If the pharmacist takes his stand on his qualification and registration his position is unassailable and no one else can compete with him. A pharmacist is alone qualified to dispense medicines, and there should be no opening for the unqualified to lower his standard or share his status. The only exception should be in the case of registered apprentices, and there should be some system of licence and inspection before any pharmacist is allowed to take these in his pharmacy.

Transition

The National Health Service as it may now be decided upon will affect pharmacy for twenty or even fifty years ahead. Sir William Beveridge speaks of twenty years as a reasonable period of probation—an interim period for trying out new ideas. If present proprietors secure a contract that will ensure the dispensing of national prescriptions in their own shops for the next twenty years, that might satisfy them, but what of the young men now qualifying? What is to happen to them in middle age if the Government by then has proved the superiority of pharmacy centres as an alternative to private dispensaries?

Safeguards

The best way to safeguard the future is for pharmacists to control the administration of the scheme from the outset. Through the Central Pharmacy Board and the local pharmaceutical committees, pharmacists should be able to influence decisions on all professional and technical questions connected with the service. Among these would be: Negotiations with the Minister on terms and conditions of service for pharmacists; opening of pharmacies; the admission of shops to the panel, and their transfer from one contractor to another; setting up standards for accommodation and equipment in the shop and for the medical products and appliances distributed from the shop; hours of service and arrangement of rotas; hearing of complaints; and settlement of disputes. All these are professional questions which should fall to be considered by pharmacists, and therefore it is essential that the membership of administrative committees, central and local, set up to carry on the national pharmaceutical service should be predominantly pharmaceutical in character.

remuneration

To the pharmacist this is a most important question, but details cannot well be decided in advance before conditions of the service to be given are agreed. First principles, however, can be considered. Present rates of pay for National Health Insurance work should be forgotten in considering rates to be fixed for future service, as no amount of patching and tending will make them acceptable. A new basis must be adopted that has relation to a full-time salary for a qualified pharmacist, with a profit on all drugs and other materials supplied, and a dispensing fee for each prescription. Cost of training and qualification must be taken into account, and a factor having an important bearing on the remuneration question is that the

pharmacist places his own premises, equipment, skill and resources at the service of the State in carrying out his contract.

Conferences previously arranged by the Pharmaceutical Society and the National Pharmaceutical Union, and postponed because of urgent national affairs, are now being, or about to be, held. They will provide pharmacists throughout the country with opportunities for discussing these very vital questions and of arriving at decisions that may affect the whole trend of pharmacy for a generation or more. The Pharmaceutical Joint Committee has given a good lead to the general body of pharmacists. When an agreed scheme has been prepared, let the committee continue to show firmness in pressing pharmacists' claims.

MORPHINE DERMATITIS

An account is given by Dore and Thomas in the "British Journal of Dermatology and Syphilis" (July-August 1944, p. 177) of nine cases of dermatitis (seven men and two women) in a morphine factory during the period December 1941, to March 1943. The average interval between commencing employment and first appearance of symptoms was fourteen-and-a-half weeks. In practically all instances the eruption began as an irritable erythematous dermatitis of the eyelids and surrounding area; it was sometimes accompanied by severe local swelling. The regions usually next affected were the nape of the neck and below the chin in women and the collar area in men. Arms and hands tended to become involved later. In one man the scrotum became affected, and in another the dermatitis eventually generalised. Otherwise the eruption remained limited to the exposed parts (face, neck, arms and hands). The clinical appearance varied considerably; on the neck and hands it was generally diffuse and of typical contact type; on the hands it sometimes resembled cheirompholyx, and in one case it resembled erythema multiforme. Secondary infection occurred in a few instances, and in at least one case there was lichenification of the skin from scratching. The almost constant appearance of the rash around the eyelids, and the oedematous and erythematous type of reaction there, suggested that the irritant was airborne. The typical upper respiratory catarrh supported this view. The same Journal contains an account of "morphine rash" by G. Colman Green

(manager of the English factory of J. F. Macfarlan & Co.). The scale of operations is small, when compared with most chemical manufacturing processes. To satisfy the rigid checks required by the Dangerous Drugs Acts, and on account of the high cost of raw materials, extreme precautions are taken to avoid loss through leakage, spilling, etc., during manufacture. For this reason mechanical handling is avoided so far as possible. Inevitably the operatives are subjected to a high degree of exposure to the material as solids, dusts and spray and, where a dermatitis hazard exists, the risks may thus be expected to be severe. This is, in fact, the case. It has been found by trial and error that immunity is not acquired, and that it is useless to try to employ an affected man further on opiates manufacture. Owing to the acute labour position it was necessary to try to continue the employment of key workers on the opiates plant after they had developed the rash, but the attempt failed. In the Scottish factory, the incidence of rash was greatest where the material was crudest, in the English factory the reverse. The risks appeared best controlled by personal cleanliness, clean work-rooms, a clean habit of working, and good ventilation. Rubber gloves were introduced in 1937 and protective cream in 1940, but there is no evidence yet that these measures have reduced the incidence. The causative agent is still uncertain, as "morphine rash" has occurred in handling morphine- and codeine-free residual materials containing "minor alkaloids."

FOUR CASES BEFORE STATUTORY COMMITTEE

A MEETING of the Statutory Committee of the Pharmaceutical Society was held in London on October 11 and 12, under the chairmanship of Mr. G. R. Hill, C.B., to consider four cases. Mr. W. J. C. Quarrell (the Society's solicitor) was present. After hearing the first case, THE CHAIRMAN said the issue was one of such importance that the committee thought it desirable they should weigh their words most carefully, put their decision in writing, and give it at their next meeting.

An Unusual Course

The next case concerned a chemist who was fined a total of £100 for offences under the Dangerous Drugs Acts. The man was not present at the inquiry, but sent a letter explaining the circumstances of his police court conviction. It appeared that, on a routine visit by a police officer, the pharmacist was absent, and the only person in the shop was a lad of eighteen, who said he was in charge. On asking to see the Dangerous Drugs cupboard, the police officer was shown an open drawer. The police officer then checked the Dangerous Drugs register and found that certain drugs had not been entered. When the pharmacist appeared later that afternoon, he said he had been to a wedding. The letter sent in, said Mr. Quarrell, stated that during the time he was absent no prescriptions were dispensed, no poisons were sold, and that it was a strange coincidence that the occasion was the only one on which he had been absent from his shop during business hours for five years. THE CHAIRMAN, giving the committee's judgment, said they were going to take a rather unusual course. There seemed to be nothing previously on record against the man, but on the other hand it was important that the regulations should be strictly observed. The committee did not feel they could pass over the case with a mere reprimand, and they would adjourn their decision for twelve months unless the pharmacist insisted upon his right to have a decision immediately. If he did not object, then, at the end of twelve months, they would expect evidence from the Society's inspector or the police as to the method in which he had carried on in the interim.

Name Removed

The third case was that of Mr. Norman Harold Leaper, a former manager of a West London pharmacy, now undergoing a sentence of four years' penal servitude for

conspiring to procure miscarriage. Mr. Leaper was present under escort at the inquiry. Mr. Quarrell said that, according to evidence given at the Central Criminal Court, London, on May 1, Leaper would first sell customers a bottle of mixture, for which he charged £2 2s., telling them if it did not have the desired effect to come and see him again. The question of abortion would later be raised, and he then told them he could arrange it for a fee, varying from £30 to £60, an appointment being made.

Until joining the firm where the incidents occurred Leaper's conduct had been perfectly satisfactory. Addressing the committee on his own behalf, Leaper said there was never any conspiracy. He was approached half a dozen times a day by people asking for help and he refused, but if they were deserving cases he said he would help them. He told the five girls concerned that he would sell them a bottle of medicine which might have the desired effect, but abortion was never mentioned.

THE CHAIRMAN, giving judgment, said he understood that Mr. Leaper wished to draw the committee's attention to, and impress upon it, the fact that the sentence he had received was extremely severe, compared with sentences passed in other parts of the country during the past few years. He, the chairman, assured Leaper that, whether the committee agreed with that or not, they had taken into account in their deliberations the question of the sentence, but he regretted to have to say that it was frankly a hopeless case from Leaper's point of view. The decision was the only one a committee such as theirs could arrive at on the facts of the case. The direction must be that Mr. Leaper's name be removed from the register.

No Action Taken

The final case heard was that of a London firm and one of its directors who were fined for the unlawful sale of a poison. A chemist's business had been carried on at the shop by an elderly man, and in September 1943 a limited company was formed to take the business over from him, the man remaining as registered superintendent. The person otherwise in charge was an unqualified man, by whom the poison was sold to one of the Society's inspectors. It was claimed that the director had done everything he could to obtain a pharmacist for the premises. THE CHAIRMAN said the committee had agreed that no action should be taken.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, October 25

WITH business on a moderate scale in practically all markets, there are few interesting features to record. The price position remains generally firm, and supplies are maintained approximately at recent levels. Two important price changes have occurred in PHARMACEUTICAL CHEMICALS, OPIUM ALKALOIDS and PHENOLPHTHALEIN both showing advances. Better supplies of BENZOIC ACID are stated to be available, but the price is unchanged.

Crude Drugs

Business in crude drugs continues on the low side, the volume depending entirely on supplies available, with prices generally firm. Offers of Cape ALOES now coming in from source are being quickly taken up. BALSAMS are unchanged, with TOLU and COPAIBA unobtainable. Remaining supplies of Sumatra BENZOIN appear to have been cleared. CARDAMOMS are exceedingly quiet. Some small lots of good-quality ERGOT are obtainable at the last-mentioned price. GUM ACACIA is firm. A few cases of hensi RHUBARB are now available. SEEDS are quiet and unchanged. SENNA is selling moderately well at unaltered prices. Medium trades of TRAGACANTH are in good demand, and advances are noted in CARNAUBA WAX.

licences for Bitter Orange Peel

The Directorate of Medical Supplies have informed the Botanical Drug Importers' Section of the London Chamber of Commerce, 69 Cannon Street, London, E.C.4, that they propose to recommend import licences for a limited quantity of dried bitter orange peel during the period ending September 30, 1945, and have asked the Section to arrange with the importers concerned for its importation. For this purpose, therefore, the Botanical Drug Importers' Section will be glad to hear, not later than November 3, from firms who, during the years 1936, 1937, 1938, 1939, 1940 and 1941, inclusive, imported dried bitter orange peel. By "imported" is meant arranged the shipment and paid the overseas supplier. On receipt of this information the Section will send qualified importers the necessary form of declaration on which a return of importations can be made and which will form the basis of the

Section's recommendations to be sent to the Directorate of Medical Supplies.

Essential Oils

Demand for ESSENTIAL OILS is not strong, and prices show little alteration. English-distilled NUTMEG has been reduced. In SYNTHETICS and ISOLATES one price change is shown, a slight reduction in CITRAL. In this group, however, the items continue in short supply and are not necessarily available because prices are quoted. No changes have been notified in FIXED OILS.

Pharmaceutical Chemicals

ACETANILIDE.—Makers quote crystals at 2s. 5d. per lb., and powder at 2s. 6d. In fair demand for manufacturing purposes.

BENZYL BENZOATE.—May be had for approved purposes at 4s. 6d. to 5s. 6d. per lb., according to quantity.

BORAX.—Makers' current rates are unchanged: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

CALAMINE, B.P.C.—Current prices are as follows: 7-lb. lots, 1s. 8d. per lb.; 28-lb. lots, 1s. 6d.

OPIUM ALKALOIDS.—Following are new prices current in the home market:

Prices per oz. in containers of	Prices per oz.					
	1/2 oz.	1 oz.	2 oz.	3 oz.	4 oz.	
Codeine, pure ..	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
	55 3	52 9	51 3	50 6	50 3	
" hydro-						
" chloride	50 0	47 6	46 0	45 3	45 0	
" phosphate	43 9	41 3	39 9	39 0	38 9	
Morphine, pure ..	60 3	57 9	56 3	55 6	55 3	
" hydro-						
" chloride	50 9	48 3	46 9	46 0	45 9	
Diamorphine, pure ..	58 6	56 0	54 6	53 9	53 6	
Ethylmorphine,	54 3	51 9	50 3	49 6	49 3	
" pure ..	61 6	59 0	57 6	56 9	56 6	
" hydro-						
" chloride	53 0	50 6	49 0	48 3	48 0	

Other salts are as follows: Codeine hydrobromide and codeine iodide, as codeine pure; codeine sulphate, as codeine hydrochloride; morphine bimeconate and morphine tartrate, as morphine pure; morphine acetate, morphine hydrobromide and morphine sulphate, as morphine hydrochloride.

PHENOLPHTHALEIN.—Prices have been advanced by twopence per lb. as from October 23.

New prices are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

SANTONIN.—Home trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2-4 kilos, £64; 1 kilo, £65; 500 gm., £66; 250 gm., £67; 100 gm., £68; less than 100 gm., £69 per kilo. Carriage paid in United Kingdom.

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for antiseptics of the chloroxylenol type.

VANILLIN.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

ALOES.—Offers coming in from South Africa are readily being taken up.

ARECA NUTS.—Wormy material may be obtained on spot at 95s. per cwt., ex store.

BENZOIN.—Remaining stocks of Sumatra appear to have been cleared.

CHAULMOOGRA.—*Hydnocarpus*, spot, 1s. 6d. per lb., in tins in cases.

CHILLIES.—Spot price of Mombasa is steady at 110s. per cwt.; no other varieties are available.

CLOVES.—Zanzibar, spot, 1s. 4½d. per lb.; no other varieties are offered.

COCOA BUTTER.—Price is controlled at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

COCONUT (DESICCATED).—Controlled at 49s. per cwt. by Ministry of Food Order.

COLOCYNTH.—Fine white pulp is quoted on spot at 2s. 9d. to 3s. per lb.

DIGITALIS LEAVES.—English leaf is quoted on spot at 2s. 6d. per lb., and Portuguese at 140s. per cwt.

DRAGON'S BLOOD.—Price is nominal at £25 per cwt. for dull Zanzibar drop.

ERGOT.—For good-quality material 6s. 6d. per lb. has been paid; further small stocks are available at that figure.

GUM ACACIA.—Kordofan cleaned sorts, firm on spot at 80s. per cwt.; bleached, spot, 185s. Talha, cleaned, 50s. per cwt., landed.

HENBANE.—A parcel of low-testing Indian material is offered on the market at 6d. per lb.

JABORANDI.—Spot price is firmly maintained at 52s. 6d. per cwt.

KAMALA.—Material yielding 6 per cent. ash may be had at 2s. 6d. per lb.

LIQUORICE ROOT.—Russian root is available for pharmaceutical use at 85s. per cwt.; single-peeled Syrian, in small supply, at 110s. per cwt., subject to D.M.S. approval.

LOBELIA.—Orders are reported to have been sent out but no offers have been received.

MYRRH.—Fair-quality Aden sorts continues to be quoted at £20 per cwt.

NUTMEGS.—West Indian, wormy and broken, spot, 1s. 5d. per lb.; sound unassorted, 1s. 7½d.

NUX VOMICA.—Cochin, spot, steady, at 42s. 6d. per cwt.; shipment, 35s. c.i.f.; Cocanada seed, shipment, 32s. 6d. per cwt., c.i.f.

PAPAIN.—Good-testing Ceylon may be obtained on spot at 8s. 6d. per lb.

PIMENTO.—Sellers on spot at 1s. 4d. per lb.

QUASSIA.—Steady on spot at 37s. 6d. to 40s. per cwt., according to quantity.

QUILLIA BARK.—Crushed or cut, spot, 95s. per cwt.; natural, 75s.; shipment, 65s., c.i.f.

RHUBARB.—Rough-round and flat high-dried quoted at 12s. to 12s. 6d. per lb. A few cases of Shensi irregular shapes may be obtained at 14s. 6d. per lb.

SARAPARILLA.—Spot supplies are unobtainable at present.

SEEDS.—Quiet and without quotable change on the week. **CORIANDER.**—Indian, 75s. per cwt. **CUMIN.**—Maltese, spot, 105s.; Indian, 100s.

DILL.—105s., ex wharf. **FENNEL.**—Offered at 85s. **FENUGREEK.**—May be had at 80s. **MUSTARD.**—Controlled prices are unchanged.

SENNA.—Alexandrian medium pods are at 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese and Indian bulbs are available at 75s. per cwt. and 60s. per cwt., respectively.

STRAMONIUM LEAVES.—Spot price of East Indian leaves ranges from 80s. to 85s. per cwt.

STROPHANTHUS SEED.—Spot quotations for 100 per cent. Kombé seed are steady at 7s. to 7s. 6d. per lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC.—Sound-quality Madras finger is quoted on spot at 60s. per cwt.

VALERIAN ROOT.—Spot quotation for Indian root is steady at 100s. per cwt.

WAXES.—**BEES'.**—Supplies continue to be available only through members of the Association of Merchant-Distributors of Beeswax, Ltd., at the following prices per cwt., delivered at store U.K., effective from October 16, for ton lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; Lots of under one ton, at premiums as follows: 10-20 cwt., 2s. 6d. per cwt.; 5-10 cwt., 5s. per cwt.; 1-5 cwt., 10s. per cwt.; under 1 cwt. at premiums as arranged by Association members at their discretion.

CARNAUBA.—Fatty grey, 465s. to 480s. per cwt., ex store, in minimum one-bag lots; shipment, 395s., c.i.f.; Primeira, 525s. to 535s. per cwt., ex store; shipment, 450s., c.i.f.,

medium yellow, nominal; shipment, 440s. c.i.f.; chalky grey, nominal; shipment, 380s., c.i.f. c.i.f. prices include $\frac{1}{2}$ per cent. W.R.I.). **CANDELILLA.**—Under 1 ton, 220s. per cwt.; 1-5 tons, 217s. 6d.; 5 tons and over, 215s., ex store. **JURCURI.**—Spot, 300s. to 330s. per cwt., as to quality; shipment, 285s., c.i.f.

Essential and Expressed Oils

ANISE (STAR).—Price continues nominal at about 160s. per lb.; the supply position is unchanged.

CASTOR.—Official quotation for "firsts" is unchanged at £92 per ton, and for "seconds" £90, both naked ex works, in bulk quantities.

CITRONELLA.—Ceylon, spot, 21s. per lb.; ava, scarce at 27s. 6d. per lb.

CLOVE.—No change in English distillers' rates of 12s. 6d. to 13s. per lb., according to quantity.

COCONUT.—Refined deodorised is officially priced at £49 per ton, and refined hardened deodorised at £53, for bulk supplies.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; ashed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties quoted naked ex works.

EUCALYPTUS.—In short supply. Oil containing 70 to 75 per cent. cineole would be worth round 7s. 6d. per lb.

GINGERGRASS.—Small supplies are priced at 22s. 6d. per lb.

LINSEED.—Bulk quantities of crude are priced at £62 per ton, naked ex works.

NUTMEG.—Price of English-distilled has been reduced by 2s. 6d. per lb. to 32s. 6d., with lower rates for quantities.

PEPPERMINT.—Small quantities are priced at 190s. per lb.

RAPESEED.—Officially quoted at £85 per ton, naked ex works.

Synthetics and Isolates.—Supplies of many of these products remain short and are not necessarily available because prices are quoted. In some cases all available stocks are required for essential purposes. **AMYL ACETATE.**—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities would be worth up to about 2s. per lb. **AMYL SALICYLATE.**—About 5s. per lb. **BROMSTYROL.**—100 per cent., about 30s. per lb. **BUTYRIC ACID.**—About 7s. per lb.; **ETHYL BUTYRATE.** 7s. per lb. **CINNAMIC ALDEHYDE.**—Quoted at around 9s. per lb. **CITRAL.**—Chemically pure, about 47s. 6d. per lb. **CITRONELLAL** and **CITRONELLOL.**—Both nominal as 6s. to 7s. per lb. **COUMARIN.**—Quoted at approximately 17s. 6d. per lb. **ETHYL PHthalATE** is not quoted. **EUCALYPTOL.**—About 13s. per lb. **EUGENOL.**—Around 18s. 6d. per lb. **GERANIOL.**—About 80s. per lb., ex palmarosa oil. **GERANYL ACETATE.**—Approximately 85s. per lb. **IONONE.**—100 per cent., around 72s. 6d. per lb. **Iso-EUGENOL.**—About 22s. per lb. **RHODINOL.**—From African geranium oil, about 150s. per lb.

TRADE MARKS

(From "The Trade Marks Journal," October 4)

SULPHONAPHANE; for surgical dressings impregnated with sulphonamide preparations (5). By Optrex, Ltd., 14 King William Street, London, E.C.4. 627,938.

ENNOTIN; for pharmaceutical preparations (5). By H. E. N. Enoch, 41 Sunningfields Road, Hendon, London, N.W.4. 629,497.

NEPSIC, "ASANE," "ASANEN," and "ASANENE"; for pharmaceutical preparations, human and veterinary; sanitary substances; medical and surgical plasters; bandages and surgical dressings; material for bandages (5). By T. J. Smith & Nephew, Ltd., Neptune Street, Hull. 629,530, and 629,535-37 (Associated).

ECURB; for antiseptics (5). By W. R. Bruce, 34 Princes Avenue, Gunnersbury Park Estate, Acton, London, W.3. 629,636. Device of man wedged between two rocks; for fire-extinguishing apparatus (9). By Cardox (Great Britain), Ltd., 20 Copthall Avenue, London, E.C.2. 628,207.

VERA; for teething rings, teats, medicine spoons, etc. (10). By Nicholas Manufacturers & Exporters, Ltd., 23-24 Stuart Crescent, Wood Green, London, N.22. 629,663.

GENTS' OF LEICESTER; for horological and

chronometric instruments (14). By Gent & Co., Ltd., Faraday Works, Leicester. 628,355 (Associated).

"**PANDA**" (device of same); for toilet paper (16). By H. Wesley, Ltd., Harlesden Stationery Mills, Acton Lane, London, N.W.10. 627,183.

"**TREPUR**"; for containers and tubes of paper, cardboard or pasteboard (16). By Trepur Paper Tube Co., Ltd., Bideford Avenue, Perivale, Greenford, Middlesex. 629,588.

"**CAPRICE**" and "**VELVISTA**"; for cleansing paper tissues (16). By Velvet Crepe Paper Co., Ltd., Woodside End, Mount Pleasant, Alperton, Middlesex. 629,810-11.

"**PLANET**" (device of same with words "Made in England"); for rubber hot-water bottles. By The Planet Tyre & Rubber Co., Ltd., Prospect Avenue, Strood, Kent. 627,837 (Associated).

"**NESMILCOA**"; for milk preparations containing extract of cocoa bean, for making beverages (30). By Nestle's Milk Products, Ltd., 6 and 8 Eastcheap, London, E.C.3. 629,084 (Associated).

"**ALMALIN**" and "**TRUBUREX**"; for flavourings for food (other than essential oils) (30). By Scottish Flavour & Colour Co., Ltd., 27-29 Ratcliffe Terrace, Edinburgh. 629,761 and 629,979.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Eire Council Election

SIR,—May I, through the courtesy of your journal, convey my sincere thanks to all who voted and canvassed for me in the recent Pharmaceutical Council election. I also wish to thank you, Mr. Editor, for the valuable space you accorded me for my election address.—Yours faithfully,

Limerick.

MAURICE POWER.

Employee Organisation

SIR,—At the present time employee pharmacists are being invited to join the Association of Scientific Workers. I understand, however, that all pharmacists are eligible and welcome. Consequently, employee pharmacists are not thereby being organised as such, but merely being still more dispersed. Surely, now that the National Pharmaceutical Employees' Union has been established as a trade union by determined pharmacists as a counterpart to the National Pharmaceutical Union, it would be folly to throw away the opportunity presented of uniting all pharmacists. By means of a joint executive, free from external entanglements, comprising members of the N.P.U., N.P.E.U., and Guild of Public Pharmacists, pharmacy could present a solid front whenever necessary in matters outside the province of the Society. There would still be nothing to prevent pharmacists becoming members of the A.Sc.W. if they considered it an advantage.

Yours faithfully,

Bradford.

J. W. KITCHING.

Authority to Negotiate

SIR,—I agree with Mr. A. W. Harrison that it is the duty of the Pharmaceutical Society to consider members' present problems from the standpoint of an improved pharmaceutical service. But the provision of this service is largely a matter of organisation. Mr. Harrison asks why "financial groups" should be represented on the Pharmaceutical Joint Committee, saying that these groups are not pharmacists. Quite so, but they are carrying on the business of chemists and druggists with the loyal help of many brother pharmacists, and are accepted by the Government, the public, and the medical profession as a substantial part of our pharmaceutical service. Though the Pharmaceutical Society

was formed (*vide* the Charter) "for the protection of those carrying on the business of chemists and druggists," the company chemists, I gather, do not expect this nebulous mandate to operate on their behalf, but if it applies to the private chemist, it must apply also to the company chemist. We should ask ourselves whether these "purely vested interests" really have no interest in the welfare and status of their pharmacists, and in the provision of a first-class service, and whether this is the view of the Government and people. If Mr. Harrison can give a sound reason for thinking that the inclusion of one pharmacist delegate from the company chemists would prejudice the service, I am quite prepared to revise my opinion. Until then, I shall remain convinced that the Pharmaceutical Joint Committee should include delegates from all units whose co-operation is essential, viz., the Council, Guild of Public Pharmacists, National Pharmaceutical Union, Company Chemists' Association, and Joint Industrial Council for Pharmacy.—Yours faithfully,

Nottingham.

GRANVILLE SHAW.

Feeder Teats

SIR,—Our attention has been drawn to Press comments, some of which have caused curious misunderstandings, on the shortage of supply of rubber teats for feeding-bottles. It should be known that rubber latex is the raw material from which all rubber for manufacturing is produced. Many pharmacists seem to be under the impression that teats made directly from latex are inferior to those made by other processes, which are popularly known as "ordinary." The reverse is the case. In most instances goods made directly from latex are superior in every respect. We have subjected our latex teats to natural ageing tests over long periods, and the results prove that this type, properly made, lasts much longer than most of the "ordinary" kinds. It should also be known that "latex" teats require only a fraction of the machinery, labour, factory space and spirit needed for making the "ordinary." That consideration is of great importance in war-time. It is hoped that chemists will in future sell latex teats with full confidence in their quality.—Yours faithfully,

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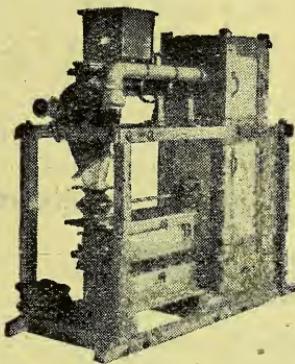
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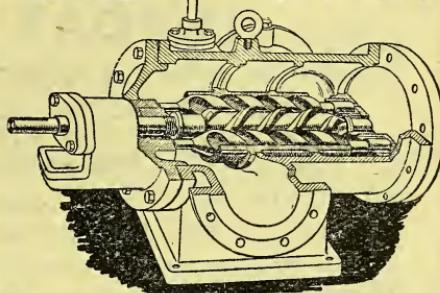
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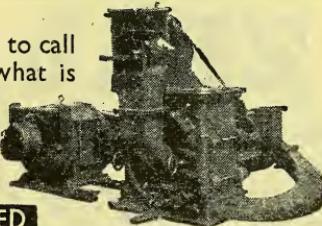
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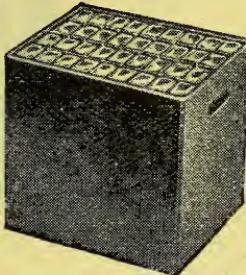
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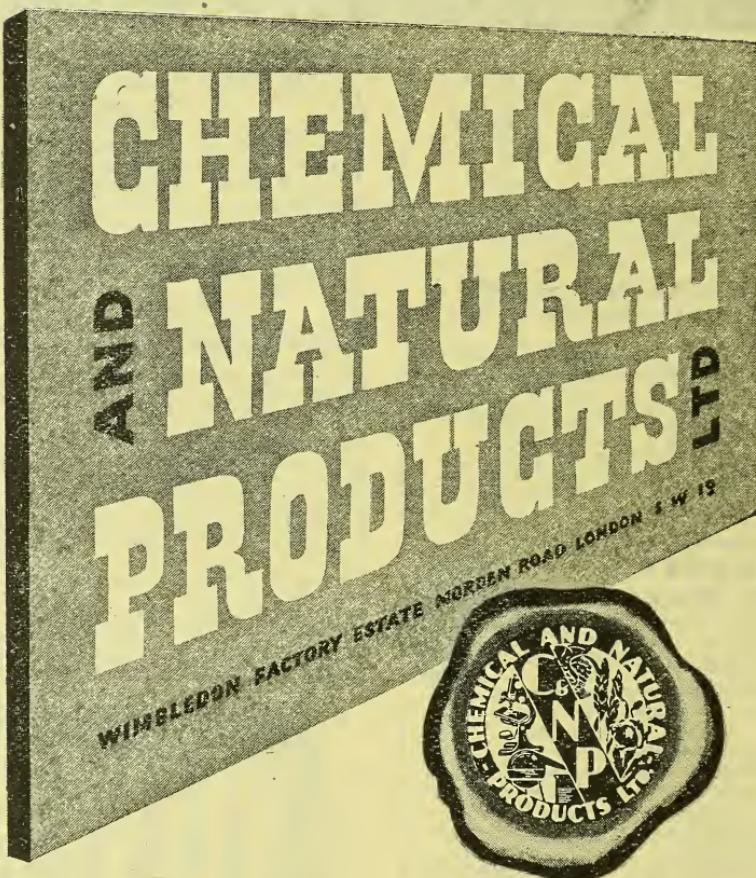
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This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

OCTOBER 28
1944

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